Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

LIBRARY
RECEIVED
FEB 4 1939
U. S. Department of Agriculture.

Tualatin Valley Nurseries

LEO ELWERT

Your Guide to Better Fruits and More Beautiful Homes for 1939

Telephone Sherwood 0951 Route 3, Box 310

Sherwood, Oregon

Part of Our Budding Crew in One of Our Peach Nurseries.
150,000 Peach Trees in This Field.

(Will Be Full Grown Fall of 1939 and Spring of 1940)

GUARANTEED TREES

PLANT WITH CONFIDENCE

We will replace with new stock or refund 100% on the dollar, any trees that prove to be poor stock or not satisfactory. Be sure and let us know within 5 days, as we want our customers to plant only the best. Your satisfaction is ours also. What better guarantee could you get? We want you as a satisfied customer. Our trees are true to name. We are Fruit Growers, that is why we can grow better and reliable trees, as our buds and grafts are taken from the best and most healthy and thriftiest bearing trees with most uniform fruit. Give our nurseries a trial. You won't make a mistake.

LOCATION: Our Nurseries are located at Sherwood, Orenco, and Dundee in the very fertile Tualatin and Willamette valleys. The reason we grow trees in different locations is one variety does so much better so we have gone to greater expense and grow Peaches, Prunes and Apricots in one locality while Pears, Apples, etc., are grown in another; and the balance of other varieties, small Fruits, Shade trees, etc., still in another locality. We are quite sure we have one of the best systems of growing trees in the Northwest.

We invite you to our Nurseries. Our office and packing shed is located near Sherwood, 17 miles west of Portland on Newberg, McMinnville highway.

HISTORY OF OUR FRUIT GROWING AND NURSERIES: We are giving a small outline of how we started growing nursery stock. We have over 200 acres of bearing orchards. There is no nursery in the whole Pacific Northwest from the California line north to the Canadian line and east to Rocky Mountains that has as large a bearing orchard as we have and the large varety of different Fruit and Nuts and the nurseries are in three different counties in the State of Oregon. Our soil is the richest there is.

THE REASON WE STARTED GROWING TREES: Forty years ago we started buying trees from other nurseries. We kept this up for several years, many times we got what we did not want, so for this reason we started to grow trees for our own planting as we kept increasing our acreage every year. We had such good success and grew so much better and more reliable trees than we could buy from other nurseries and we had so many comments on our fine trees from neighbors who wanted our trees as they were more reliable, so we grew more each year to meet our local demand, until now we have one of the largest in the Northwest.

We grow practically every variety of Fruit and Nuts that will grow in this northern country. Fruit and Nut growing is the greatest business on earth. There will be twice the Fruit consumed in the next ten years. Now is the time to plant. Be sure to plant our Trees for 100% satisfaction. We know our Trees. We are Fruit Growers.

QUALITY is our motto.

WRITE US BEFORE BUYING ELSEWHERE. We will save you money.

Please write us for any other information you might desire.

Tualatin Valley Nurseries

Route 3, Box 319 -:- Sherwood, Oregon

Read Carefully

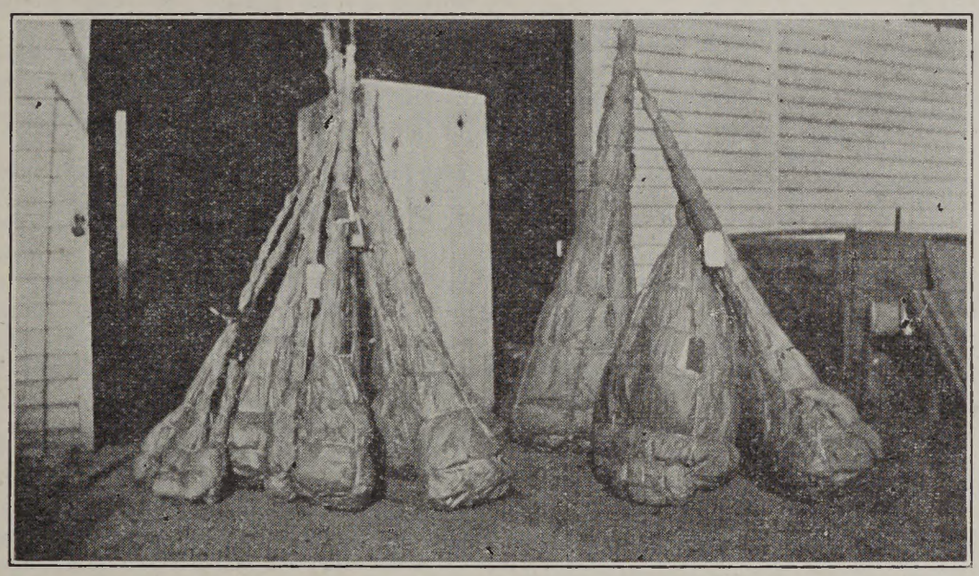
No Charge for Boxing and Packing

(We have always regarded this as a nuisance charge)

Send all mail to Tualatin Valley Nurseries, Route 3, Box 310, Sherwood, Oregon. In sending your order, be sure to give us shipping instructtions, including your nearest express office and freight office. Also date you want us to ship.

We can take care of large or small orders.

Guarantee of genuineness, the same as universally given by leading nurseries, namely: That while we use the greatest care to insure all our stock to be absolutely true to name, it is mutually agreed and understood by the purchaser and ourselves that we are not to be held responsible for more than was originally paid to us for the actual number of trees found to be untrue to name. In addition will add that every detail in growing, budding, digging, grading and packing is under our personal attention and supervision, insuring as far as possible that the stock will be satisfactory on arrival and afterwards when it comes into bearing.



Showing Manner of Preparing Packages for Shipment, Bundes Are First Burlaped, Then Completely Wrapped with Heavy, Tough Paper, Making the Package Practically Frostproof

If in any instance stock is found to be unsatisfactory on arrival from causes over which we have control, please notify us within 10 days from date of its arrival and we will, under proper proof replace with satisfactory stock or return amount paid us for the stock in question, however, it is distinctly understood and agreed that we are not to be held responsible for damage occurring to stock after we have delivered same to the transportation companies, for the care of same is then beyond our control; but we will do all in our power to guard against and to prevent any injury occurring whatever.

CAUTION — Be careful in unpacking to note everything, and either plant or cover up with moist soil at once. Moisten the roots and do not allow them to become dry.

TUALATIN VALLEY NURSERIES

Route 3, Box 310
Sherwood, Oregon

New Varieties Of Great Merit

A New Creation — Offered for the First Time

Hudson's Golden Gem Apple

The original tree was found by Mr. A. D. Hudson in a fence row thicket about 10 years ago. Apple is large and conical in shape with long stem and has hung on the tree until Christmas; not inclined to windfall. The unique feature of this apple is: it has a pear skin and color, rich russet as the Bosc Pear. It has an exceptionally fine flavor and is long keeping. Tree is a thrifty grower. It is a prolific bearer.

We are making a special price this year as follows: $1.00 per tree, 75c each in 10 lots

(Patent applied for.)

CORVALLIS (NEW PEACH)

This new peach comes to us from D. M. Johns of of Corvallis, Mr. Johns stating that a Doctor Alexander planted the seedling sixty-five years ago at Corvallis, therefore, we consider "Corvallis" to be an appropriate name for it. The fruit is very large and globular, a yellow freestone, ripening just after J. H. Hale. We feel that the great merit of this peach is its large size, beautiful coloring and the fact that it colors up brilliantly while still firm and solid, which should make it a very valuable shipping variety, for it will stand a lot of handling without being bruised or discolored. $1.00 each. 10 for $7.50. (Patent applied for.)

GOLDEN JUBILEE

(A) A development of the New Jersey Experimental Station. Planted and producing in every peach producing section of the United States and Canada and stands without an equal as an early, yellow, freestone peach of exceptional quality. The Golden Jubilee is a second generation seedling of the Elberta crossed with the Greensboro. The tree is unusually hardy. The buds resist low Winter temperatures better than Elberta and open later than Elberta insures a regular crop. The blossoms are self-fertile. The peach is medium to large size and firm. From observation we find that the peach develops better if a well balanced fertilizer is used and in the lighter sandy soils of the Southern Peach producing areas where Jubilee is inclined to set too heavy a crop, better fruit is obtained by thinning the fruit on the tree. As the tree grows older the fruit becomes firmer and develops more naturally. NO GENERAL PLANTING OF PEACHES IS COMPLETE WITHOUT A LIBERAL AMOUNT OF GOLDEN JUBILEE TREES.

IMP. ALL RED DELICIOUS

New long keeping. We have an exceptionally fine strain of the All Red Delicious in a long keeping strain. We have found that they will keep at least a month or more longer than other strains of the All Red Delicious. We are offering these this year at 5c per tree more than other varieties. For the large planter we would advise planting some of these as they have everything to gain and nothing to lose as the quality and production is equal to any strain of delicious ever put on the market.

IMPROVED RED WINESAP

We have an exceptionally fine strain of Winesap which produces nearly 100% color, size and quality. It is just as good as the standard old Winesap but you will get more extra fancy grades. It would be advisable for fruit growers to plant a quantity of these as they are a superior apple. Only 5c per tree more than old standard varieties. other layer of trees, overlapping the first continuous), or miscible oil (kerosene, emulsion), and

IMPROVED ALL RED JONATHAN

This is another Jonathan Apple only you receive nearly 100% color which means more extra fancy grades. This tree is just as prolific a bearer as the standard old Jonathan but is more profitable for the large fruit growers. We advise planting a quantity of these. 5c per tree higher than old standard varieties.

IMPROVED YELLOW TRANSPARENT

This is the same as a Yellow Transparent season at the same time, only we have selected an especially good strain from a regular Yellow Yellow Transparnet orchard to insure the planter of a heavier producing strain. 5c per tree extra.

BLACK ROME BEAUTY

This is a Rome Beauty type apple sometimes called Cherry Red Rome Beauty. It has a very dark red color. The keeping quality is just as good or better as the standard Rome or Red Rome. We only have a limited supply of this variety. No extra charge.

SOUTHWICK (NEW APRICOT)

The original tree of this variety, which came from a seed planted in 1852 is still growing and bearing annually at Rickreall, Oregon, on rather poor, wet soil which ordinary would not maintain an apricot tree at all. The tree is one of our best growers of all the varieties of apricot in our nursery. The fruit is round, very large, with true apricot color, slightly red on the sunny side. We hope and trust this variety will prove to be an iron-clad long lived variety the same as the parent tree, which of course time alone can prove. **$1.00 each. 10 for $7.50.** Patent applied for.

Planting Instructions

PLANTING SEASON—Stock should not be planted until dormant in the fall nor after growth starts in the spring. Under ordinary weather conditions therefore our digging and shipping season begins in late October and continues until early May, the winters generally being sufficiently mild to permit safe handling of nursery stock, with but few short interruptions. Early fall planting is preferable as a rule as roots form all winter and stock is ready to grow as soon as warm weather begins.

It is advisable to order early, as a better selection and more complete assortment can be had. Orders placed early are generally planted early. Orders can be placed early with instructions to ship at a given time, when you are ready to plant.

For Flowers, use
VIGORO

For Shrubs and Trees, use
VIGORO

Care Of Trees On Arrival

In case you do not immediately plant the trees, it will be well to heal them in, namely, to bury the roots in the ground to keep them fresh and from being frozen.

In doing this dig a trench long enough and wide enough to hold the trees you have; cut the bottom string on the bunches, place them in the trench, spreading the trees so as to have the dirt worked in. leaving no exposed places. The tree should NOT be laid down at an angle of 45 degrees, but should be stood straight up, for a lot of nursery stock is injured by being healed-in in a reclining position, for many times the dirt from the trench is left under the trees which are close to the ground. This dirt is still warm, or warm enough to make the sap in the trees active and if there should be frosty weather in a short time after the trees have been healed-in in a reclining position the sap will be frozen, resulting in soured sap and a lasting injury to the tree and you will also be writing in to the nursery that the stock was diseased, etc., when the cause was really wrong methods of healing-in. We do not mean to infer that to heal-in in a reclining position will always result in damage, but do mean to infer that you are flirting with disaster, if it is done. Be sure and bury the roots plenty deep, anyway 16 to 18 inches.

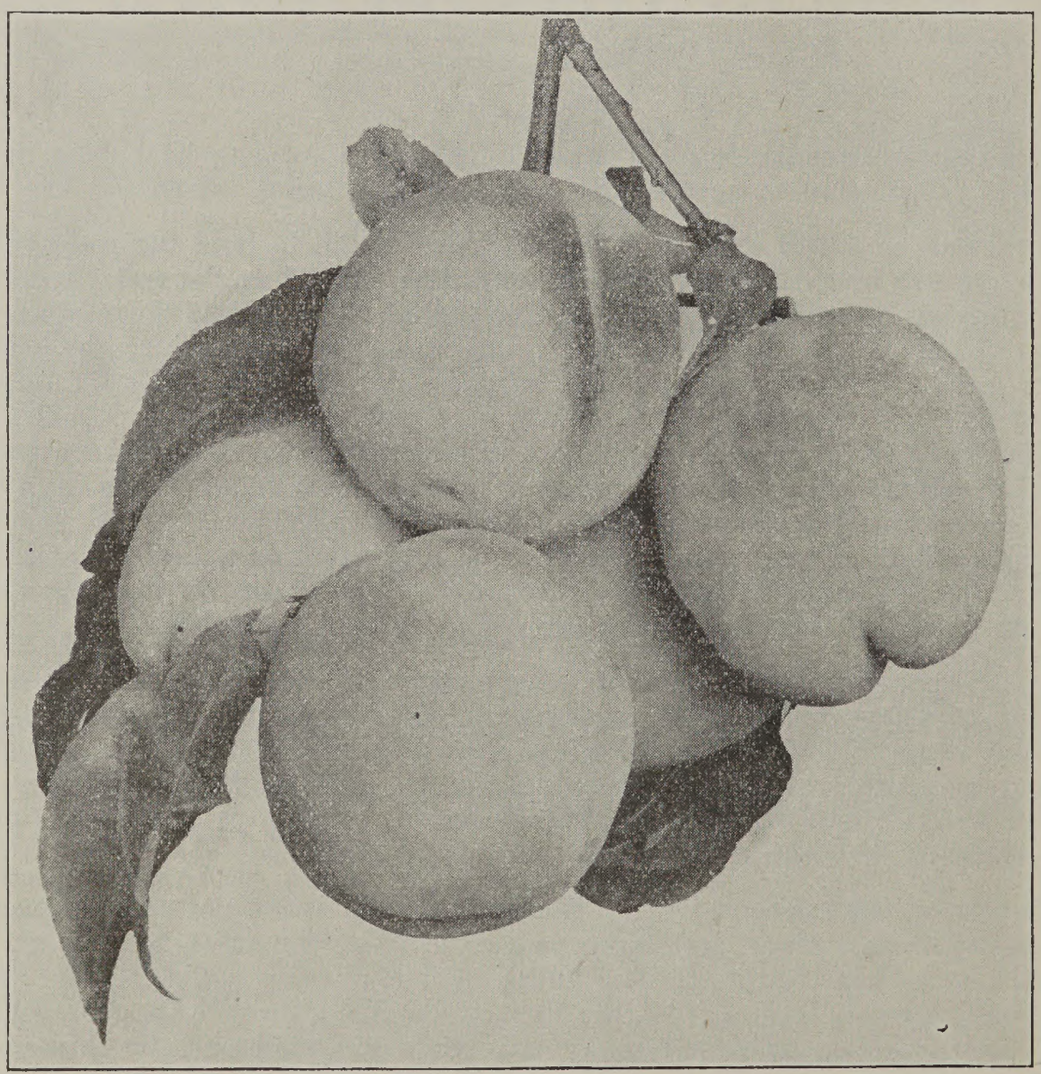
In Planting: Do not plant too deep, but about an inch or two deeper than they grew in the nursery. This may be determined by the color of the bark above the roots, showing where the ground line came. Have the holes wide enough so as to hold the roots without crowding. Tramp well after a couple of inches of dirt have been put in, etc., until the hole is filled up, leaving the top dirt without being tramped. In late spring planting, if a bucket of water could be thrown in when the hole is half filled with dirt it would be very beneficial.

Do not plant or expose the roots when it is freezing. That is, do not s t a r t planting frosty mornings or until it starts to thaw, and do not leave the trees you have not planted during the day outside and take a chance on it freezing until you start planting again the next morning. For if the exposed roots are caught in a frost, the chances are that they will not grow and you might think you had been swindled by your nurseryman, while it would only be through your own negligence in not taking care of the trees during planting operations.

Winter Injury

Weather conditions have killed and injured more fruit trees than all other causes combined. We consider the most dangerous season of the year to be in very early spring when we have bright, warm sunny days, followed by frosty nights, the warm rays of the run starts the sap on the south sides of the trees. These clear days of February and early March are followed by frosty nights, the frost clinging to the bark chills the freshly risen sap, which soon becomes sour, often bursting the bark on the south sides of the trees and causing a gum-like substance to issue forth. This is soured sap, caused by thawing and freezing and may be prevented to some extent by shading the south sides of the young trees with a board or shake. These should be 5 inches wide, 3 1-2 feet high, 1-2 to 1 inch thick, sharpened at one end and driven into the ground about 6 inches from the tree, always on the south side so as to keep the sun rays from starting the sap prematurely. These protectors should be used for the first three years, after which the bark on the trees will have become thicker and will better withstand the sudden changes of temperature. The protectors may be removed during the summer months, or after danger of frosts is over. Sweet Cherry, Apricots and Peaches are the most easily affected. However, no harm will be done if the protectors are used on all young fruit trees.

The Oregon Agricultural College advises a liberal coat of whitewash as a protection for orchard trees through the winter. This may be applied on the larger limbs as well as the body, but in young trees would suggest that you also use the board or shakes in order to keep the sun off of the south sides, for we are certain that the premature action of the sap, caused by the sun is the start of the damage caused by the freezing that follows. By using both the whitewash and the boards, one would have double protection.



A True Photo of Ely Improved Elberta Peach. It Is Almost Red in Color. One of the Finest Peaches Grown. Order Before We Are Sold Out. Large and Thick as Grapes.

Apples

The apple is the first in importance of all fruits. It will thrive on nearly any well drained soil. Its period of ripening, unlike other fruits, extends nearly through the whole season. By making careful selection, a constant succession can be obtained. For family use there is no fruit that is more indispensable. No fruit is so healthful and many physicians say that if a person would eat an apple a day they could dispense with doctor bills. Besides this, and just as important, is the fact that the average price on the market is steadily increasing and the immense demand for home consumption, foreign shipping, canning and evaporating assures high prices. The apple if given the same care and attention as other farm crops, will yield greater returns per acre. The following list we consider to be the best for general planting:

PRICES ON APPLES AND CRABAPPLES

	each	5 to 50	50 and over	300 or over
2 to 3 ft.	35c	30c	25c	20c
3 to 4 ft.	45c	40c	30c	25c
4 to 6 ft.	55c	45c	35c	30c
	Large Lots, write.			

For Extra Heavy Selected Trees, add 5c. Write for special price on extra large lots. We have many varieties of Improved Apples. Please write.

Summer

YELLOW TRANSPARENT

Season, July. One of the most valuable early apples. Fruit medium smooth, transparent skin; clear white, becoming pale yellow when fully ripe; flesh white, tender, fine grained, of splendid quality. Tree is moderately vigorous and a good annual bearer. One of the few sorts that do well even on poor thin land.

RED ASTRACHAN Season, July. Tree upright spreading, vigorous growth; an early and abundant bearer. Fruit above medium, greenish-yellow, almost covered with mottled and striped crimson; flesh white; crisp, juicy; brisk acid; good.

RED JUNE Size medium, oblong, with brilliant red skin, flesh white, tender, juicy, sub-acid, with a sprightly agreeable flavor; quite early and continues to ripen for four weeks, and will keep long after ripe for a summer apple; profitable for market. The tree is fine, erect grower, very hardy, bears young and abundantly. A valuable early apple.

DUCHESS OF OLDENBURG

Season, July and August. Tree upright, vigorous and extremely hardy. An early and annual bearer and uniformly large crops. Fruit large, greenish yellow, with red stripes. Flesh light yellow, medium fine grain, firm; flavor a pleasant acid; a great cooking and fine market sort.

GOLDEN SWEET Medium or rather large, roundish, slightly flattened; greenish, becoming pale yellow; flesh very sweet, good, of moderate quality. The fruit is always fair, the tree is a free grower and very productive. Late summer. Tender for West; succeeds well in Southwest.

SWEET BOUGH Large; pale greenish yellow; tender and sweet. Moderate grower and good bearer. August.

RED BIRD The best Red Early Apple, gets ripe before Yellow ransparent, has good color. Does not keep very long. It is a good seller.

RED GRAVENSTEIN A Gravenstein type apple, has a better color. A good quality.

Fall

GRAVENSTEIN Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous. August and September. There is no orchard complete without one.

FALL PIPPIN The tree is a large and vigorous grower with somewhat of a drooping habit. It is particularly adapted for growing in the coast regions of South California, although good results have been obtained by planting it in the central coast regions, interior valleys and foothill sections. The fruit is very large, uniform in shape, being roundish and generally flattened. Its beauty and size render it a very popular variety for table use as well as for all culinary purposes. It is one of the earliest autumn varieties. The skin is thin and smooth being of a clear yellow color when ripe, often blushed with a brownish tinge on one side, bearing a few russet colored dots. The flesh is moderately firm, white, tender, juicy and sub-acid. Ripens in late September and in cold storage can be easily kept as late as January.

FAMEUSE (SNOW APPLE)

Season, October and November. An old and well known variety. Tree a moderate grower. Very hardy and not very well adapted for growing in the South. Productive. Fruit medium in size; color pale greenish-yellow, mixed with stripes of red with splashes of same on shady side; flesh white, tender and juicy, slightly perfumed; flavor sub-acid extra good.

WAXEN Fruit medium size with deep, rich yellow in the sun; flesh crisp, tender, juicy, acid. Last of October.

DUTCH MIGNONNE A popular apple introduced from Holland. Tree moderately vigorous, upright, spreading. Fruit medium, roundish, oblate, slightly conical; skin rather tough, yellow, shaded, striped and splashed with shades of light and dark, rich red, moderately sprinkled with light and brown dots; flesh yellowish and a little coarse, tender, juicy, slightly sub-acid; core small. One of the best cooking varieties. November to February.

GLORIA MUNDI Very large; greenish yellow. Valuable for cooking and drying. October.

TWENTY OUNCE Very large; yellow, striped with red; quality good. October to December.

RAMBO A very popular autumn fruit. It is valuable for the table or kitchen, fruit of medium size, with a rich flavor. October to December.

Winter

NORTHERN SPY Large, roundish-conical, often flattened, slightly ribbed; handsomely striped with red; flavor rich, aromatic, mild sub-acid, fine. Keeps through winter and late into spring. To afford fine fruit, tree must receive good cultivation and attention. A market fruit of highest quality. November to January.

GRIMES' GOLDEN An apple of the highest quality. It is one of the fancy dessert apples and ranks with Delicious and Jonathan on the markets. Medium to large; bright yellow with pink cheek; flesh fine grained, juicy, with a very pleasing spicy flavor. Like Jonathan it is equally adapted to almost all culinary uses as well as for eating out the hand. For pies, marmalade, sauce and dumplings, it is one of the best. It has hardly enough acid for the best jelly apple. The tree is hardy, grows upright and is quite disease and insect resistant. Season of fruit, November to January.

BALDWIN Season, December to March. The great commercial late winter keeper of the Eastern states. Tree a vigorous open grower, upright in tendency and very productive where hardy. Comes slow into bearing, but produces abundantly when mature. Fruit large, rounded, deep red; flesh rich and juicy.

Valley Nurseries Apple Trees. Over 20,000 Trees

ROME BEAUTY Large, roundish, very slightly conical; mostly covered with bright red on pale yellow ground; flesh tender, not fine grained, juicy, of good quality. Ripens early in winter. The large size and beautiful appearance of this apple render it popular as an orchard variety. Attains highest perfection in medium soils. November to March.

BLACK ROME BEAUTY

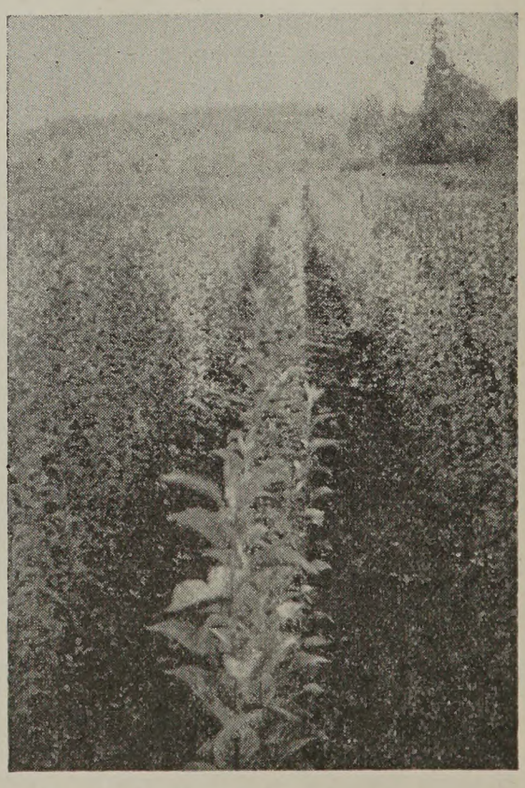
Plant these for profit. Description on page 2.

RHODE ISLAND GREENING Season, December to March. Fruit large and handome, smooth, dark green overspread with yellow. Flesh tender rich, rather acid, but highly flavored and excellent. Has long been popular in the Eastern states as a dessert apple and for cooking; tree vigorous, spreading; heavy, constant bearer after reaching maturity.

KING (KING OF TOMPKINS COUNTY) Flavor like the Baldwin. One of our best winter apples. Very saleable. November to December. Very large size, red and yellow color.

WINESAP Medium size, dark red, juicy, mild. A favorite late winter apple and a leading commercial variety on all markets, as well as a very popular home variety. Novembr to April.

JONATHAN This variety is probably better known to average consumers of dessert apples than any other variety. It is recognized on all markets of the country as one of the best among the few leaders of high quality eating apples. The fact that its qualities and flavor are also superior and outstanding when used for culinary purposes adds to its popularity. The fruit is medium size, red and beautiful. It bears young and abundantly. It is quite hardy. Season November to February.



A Beautiful Block of Those Famous Tualatin Valley Nurseries Apple Trees. Over 20,000 Trees

IMPROVED ALL RED McINTOSH A special bud selected strain of the famous McIntosh apple, coloring a solid red without a trace of stripe. Without question this is the finest type of the McIntosh that has come to our attention and will say that if you are not getting sufficient color on your present plantings of McIntosh you should make your new plantings of this Improved Type this year.

YELLOW BELLFLOWER Large, oblong; skin yellow, with a beautiful tinge of red on the sunny side; flesh crisp, juicy with a delicious high flavor. October to January.

BAILEY'S SWEET Flesh white, tender almost melting, with a honeyed sweet flavor. The best late sweet apple. October to November.

TOLMAN SWEET Season, December to March. One of the most popular of the old Eastern varieties. Tree is vigorous, upright, spreading and very productive. Fruit above medium; whitish-yellow, often with faint blush on sunny side.

WINTER BANANA Fine, vigorous grower, large healthy foliage; early bearer. Fruit medium to large, smooth and handsome, golden-yellow usually shaded with red blush; flesh fine grained, rich sub-acid, aromatic; highest quality. One of the best dessert apples. A valuable market variety, but bruises easily and is not adapted to long distance shipping.

STAYMAN'S WINESAP Most profitable market variety. It has large size, bright red color, great productiveness and best quality to commend it. The tree is vigorous grower, is irregular and drooping in habit, and adapts itself readily to different soils and situations. Drought resisting. Season, November to February.

ARKANSAS BLACK Large, round or slightly conical; regular, smooth, glossy yellow where not covered with deep crimson, almost black; flesh very yellow, firm, fine-grained, juicy; flavor sub-acid pleasant rich.

McINTOSH RED Season, December and January. A choice variety of the Fameuse type. Tree vigorous with spreading head; a good annual bearer. Fruit above medium to large highly perfumed; smooth polished yellow, almost covered with brilliant solid crimson, a beautiful fruit; flesh snow white, crisp, very tender, sprightly aromatic, sub-acid, very good quality.

RED WINE DELICIOUS A new oldtime Delicious. This new Delicious which we have is one of the finest types of delicious growing in the Northwest. We have found that this strain will outkeep most any of the other types of delicious, but they run heavier too. All red color and keeping qualities are much better. The apple has the same prominent points as the old standard type of delicious. This is going to be one of the leading varieties growing in the Northwest. Quality is hard to equal. 10c extra per tree. Tualatin's Nursery is the only nursery growing these for sale. Plant them for profit.

WAGENER Medium to large; deep red in the sun; flesh firm, sub-acid and excellent; very productive and bears very young. December to April.

SPITZENBURG, ESOPUS Truly delicious apple; fruit striped and splashed with red; flesh yellow, rather firm, with a delicious rich acid flavor. November to April.

ORENCO A large fine red apple resembling the Nothern Spy. A prolific bearer. We sometimes call it an Improved Red Spy.

RED ROME BEAUTY A sport of common Rome Beauty but much darker red and of better appearance. A good seller.

YELLOW DELICIOUS Beautiful yellow color. Heavy croppers which bear the second year. A good pollinizer. One of the best apples; acid free.

IMPROVED ALL RED JONATHAN Plant these for profit. Description on page 2.

IMPROVED RED WINESAP
This is a Winesap only much better color than the common Winesap, nearly 100% color, which means more extra fancy grades. Sizes will run as large as common Winesap. Full description on Page 2.

ORTLEY A yellow apple, good baker. This apple is grown in the Hood River Valley in quantities.

IMPROVED ALL RED DELICIOUS This apple originated from a sport of the common Red Delicious. Comes into bearing younger and matures a solid red. Fruit of superb size and quality. Outselling the common Red Delicious practically 50% in the fruit market of the world. We have a few thousand trees for this season. Complete description on Page 2.

YELLOW NEWTON A yellow winter apple, the best shipper. An extra good quality keeper, one of the best for shipping to Europe.

COMMON RED DELICIOUS
The regular oldtime Delicious apple, a very nice flavor. It's still a leading apple.

CORTLAND is an improved late McIntosh. The fruits of the two varieties are similar, but those of Cortland are more oblate, average larger, and are more uniform in size; they have more color and the red is lighter and brighter and the stripings and splashes are laid on differently; the taste of Cortland can hardly be distinguished from that of McIntosh; the flesh is firmer but just as juicy; the apples do not drop as readily and ship better.

HUDSON GOLDEN GEM APPLE
A new variety sold only by Tualatin Valley Nurseries. Description on Page 2.

Crab Apples

Same prices as apples

HYSLOP Season, September to October. Tree vigorous where hardy; blights in some localities. Fruit medium; yellow grounded with heavy shadings of deep crimson and splashes of maroon with heavy blue bloom; flesh fine, firm yellow, astringent; bears abundantly in clusters, which makes tree exceedingly ornamental. Its high color always commands fancy market price for it. One of the most desirable sorts for culinary purposes.

TRANSCENDENT Season, September. Medium to large; color brownish-yellow with blush of carmine; flesh firm and crisp, yellowish, fine grained, very juicy, subject to blight and should not be acid. Tree is a vigorous grower. Hardy, planted near other orchard trees.

RED SIBERIAN About an inch in diam., grown in clusters; bears young and abundantly. August to September.

WHITNEY'S NO. 20 One of the largest crabs; glossy green splashed carmine, juicy pleasant; great bearer, excellent for cider. August.

Apricots

Plant our apricot trees if you want true to name and heavy production. Again we are insuring our customers to receive better profits. The finest trees we have ever grown.

Prices on Apricots

	each	5 to 50	50 and over	300 or over
2 to 3 ft.	35c	30c	25c	20c
3 to 4 ft.	45c	40c	30c	25c
4 to 6 ft.	55c	45c	35c	30c
Heavy Select	65c	50c	40c	35c

WRITE FOR SPECIAL PRICES ON EXTRA LARGE LOTS

ROYAL Large, roundish-oval; pale orange with faintly tinged red cheek; flesh yellow, firm, sweet, high flavored, slightly subacid and good quality, ripens a week earlier than Moorpark; a good market variety.

TILTON We consider this variety one of the best commercial sorts. Flesh firm, sweet and juicy; tree hardy and thrifty grower.

BLENHEIM (SHIPLEY) Above medium; deep yellow; juicy and rich flesh. Practically the same as Royal. Any difference is in the fact that Blenheim is larger. In great demand both for canning and drying. Trees regular and heavy bearers. Middle of June.

WENATCHEE MOORPARK
The tree a more thrifty grower than the genuine Moor park. These are quite extensively planted in the irrigated districts and are a splendid commercial variety.

SOUTHWICK APRICOT Another new apricot. It tops them all. This apricot has proven out where others fail. A Tualatin Valley Nursery Production. Prices **$1.00 each; 10 for $7.50.**

SUPERB We should judge by the growth of the tree that this variety is of Russian origin, or would trace back to Russian stock. The fruit is round, medium to large, double cheek like a peach and pink to pale red on sunny side; attractive and of good quality.

PEACH COT Extra fine, large apricots. Rich and juicy.

CHINESE OR MORMON COT
Very hardy. Resembles the Tilton and ripens almost the same time or earlier.

MOORPARK A large, roundish apricot with an orange cheek. Good commercial variety.

LEWIS COTS Very hardy but not very good commercially.

YAKIMA COT A heavy bearing variety. Grown in Yakima Valley.

DERBY COT A California variety planted in large quantities in some sections. Very fine flavor.

Peaches

We have one of the largest assortments of peach trees in the northwest. All of our budding wood is selected from heavy bearing trees to insure our customers of extra qualtiy. We have several large bearing peach orchards adjoining our nurseries. For this reason we are sure to be able to select genuine true to name stock which is often times hard to do where you do not have bearing trees to select from. Our J. H. Hale are of a heavy producingstrain. The Elbertas Are a heavy bearing tree, also the Imp. Early Elberta. We have an exceptionally fine bearing strain of them as well as of all of our other main varieties such as Ely, Crawford, Late Crawford, Muir, Golden Jubilee, Slappey, etc. You will profit greatly by selecting peach trees from our growings. Peaches will grow in most soils that are reasonably well drained.

	each	10 to 50	50 and over	300 or over
2 to 3 ft.	35c	30c	25c	20c
3 to 4 ft.	45c	40c	30c	25c
4 to 6 ft.	55c	45c	35c	30c
Extra selected	65c	50c	45c	

J. H. HALE (FREE) Very large, globular. Color deep golden yellow overlaid with bright carmine. Flesh solid, deep yellow, delicious flavor. Tree very hardy and productive, similar in growth to Elberta type. An exceptionally fine variety.

ELBERTA Very large; skin golden yellow where exposed to sun, faintly striped with red. Flesh yellow, very fine grain, juicy, rich and sweet. Tree very prolific and presents a handome appearance. Perfect freestone. Ripens in September.

SLAPPEY Fruit yellow, good bearer, excellent flavor, fine grained. rich, hardy. Best medium early yellow peach. July.

CRAWFORDS LATE (Free)
Large round-ish oval, yellow with broad red cheeks, flesh yellow with red at the pit; melting, vinous and very good. Late September.

CORVALLIS PEACH A Tualatin Valley Nursery Production. Here is a new peach, our own strain. None better. This peach resembles the Hale family. More free of disease. Description on page 2.

IMPROVED EARLY ELBERTA
This is an early Elberta type peach, usually ripens a few days before the regular Elb. Quality is improved. This is one of the finest home canning peaches grown. The canneries in the Willamette Valley are canning all that they possibly can get ahold of and have been offering a good price the last couple of years. We advise this variety for a home canning peach. This variety is almost red in color, heavy producing. You will find photo of this in Catalogue. There is no peach a better shipper. Sometimes it will ripen even more than 10 days ahead of Elberta. This tree has a distinctive marking, above almost each bud there is an oblong scar.

ROCHESTER This variety was introduced during the last few years, resembles Early Crawford, but we understand does not split at the pit as does the Crawford.

IMPROVED ROCHESTER This is a regular Rochester type peach only we have selected from a special tree which seems to be a slight improvement over the standard Rochester. Otherwise, flavor, etc., are the same. No extra charge.

A Basket of True to Name Peaches From Tualatin Valley Nursery True to Name Trees

MAYFLOWER Earliest peach known. Dark red all over, prolific bearer. Ripens last of May or the first of June.

MALTA OR MUIR Very sweet and firm, yellow, with sometimes a faint blush. Large, very free, pit quite small. Most popular drying and canning variety on the coast. August.

IMPROVED MUIR We have a good imp. strain of Muir peach. Type and quality is the same as regular Muir but seems to be a little more of a prolific bearer.

CRAWFORD'S EARLY (FREE) Large, roundish bright yellow with red cheek; flesh yellow, juicy and sweet; quality good. August and September.

IMPROVED LATE CRAWFORD A superior strain of Late Crawford. Better flavor, can't be equaled for canning. Not a very good shipper.

IMPROVED CRAWFORD SPECIAL An early Crawford variety. Ripens a few days earlier and not so many split pits.

PALOR CLING An improved canning variety planted in large quantities in California.

HEATH CLING Late white cling, 40 days after Elberta. Delicious flavor.

PEAK CLING This variety planted in large quantities in California. Delicious flavored peach for canning.

CHAMPION PEACH A very fine medium early white freestone peach.

BELL OF GEORGIA Mid season white freestone. Good flavor and quality. Ripens 8 days before Elberta.

EARLY RED BIRD Very early ripening just after Mayflower, which it resembles only is much larger and more pointed on the blossom end, brilliant red.

BROOK'S BEAUTY This variety comes to us from Chico, Calif.; very large, slightly pointed, handsomely striped with bright red and brown on yellow background; flesh very juicy and sweet, red streaks through the flesh. Freestone, ripens with Early Crawford.

TUSCAN CLING (TUSKENA: YELLOW TUSCAN) Very large, yellow. The best early canning peach; takes the lead over all other peaches in prices. Middle of July.

EARLY CHARLOTTE F. An improved seedling from Early Crawford, originated at Salem, Ore., in 1878, by O. Dickenson, where it has attracted much attention among fruit growers. This remarkable peach succeeds in Oregon, where many other varieties fail. Flesh yellow, melting and juicy, with a rich and excellent flavor; freestone. Ripens ten days after Crawford's Early.

HALE'S EARLY Medium, nearly round; skin mottled red, dark red cheek. Flesh white, juicy, melting, high flavored, free from stone. First of August.

TRIUMPH Earliest yellow flesh peach; ripens a few days later than Alexander, blooms later; sure and abundant bearer; strong vigorous grower; fruit good size; yellow, with red and crimson cheek.

GOLD MEDAL PEACH This is a wonderful variety of shipping peach. Grown in considerable quantities in the Yakima Valley. They are a good firm large size and fine flavored variety. A wonderful canning peach.

ALEXANDER (SEMI-CLING) Medium size; greenish-white, nearly covered with rich red; flesh white and juicy; tree vigorous and productive; a good market peach.

ADMIRAL DEWEY (TRIUMPH) Large and handsome; the first early yellow-fleshed variety to ripen; a good market sort. Mid June.

SALWAY (FREE) Large, roundish, deep yellow with rich red cheeks; flesh yellow, firm and juicy and sugary. Trees are strong growers and bear plentiful crops.

THE NEW BABCOCK PEACH Add 5c per Tree. The fruit is almost round, somewhat above medium size, and the color ranges from a beautiful pink to deep crimson. The skin is exceptionally smooth and is almost like a Nectarine in this respect. We highly recommend the Babcock either for home planting or as a profitable early market peach. Early June.

PHILLIP'S CLING Large, yellow, flesh firm, clear yellow. Always commands the highest market price for canning. Late August.

GOLDEN JUBILEE Description on page 2. An early peach of great merit. This will be a money-making variety. We advise to plant a quantity.

LEMON CLING An extra nice quality peach. Good canning.

ORANGE CLING One of the best Cling peaches for canning.

LOVELL Best drying and canning peach, grown in Californa in large quantities.

KRUMMEL OCT. Latest peach grown, Good flavor, ripens after Muir variety.

SOUTH HAVEN A fine East. peach, ripens after Roch. Introduced by South Haven Experiment Station.

HALE HAVEN The Hale Haven comes through — North, East, South, West — in 1938. We know of no peach of recent introduction that is proving so universally satisfactory as the Hale Haven. It is now an unchallenged leader of peaches to follow Jubilee, Vedette and Golden East being its nearest rivals. A product of the South Haven experiment station in Michigan. A definite improvement over the South Haven, being more resistant to low Winter temperatures. Freestone, tough skin, highly colored, adapted to large commercial plantings. Tree vigorous, fruit large globular shape as Hale. Resembles this variety. Two weeks earlier than Hale and Elberta. Extremely high quality, good shipper

Nectarines

The fruit may be described as a smooth skined peach. Thrives where peaches do and takes same cultivation and management. Is superoir to the peach as a dryer and makes excellent preserves.

Prices same as peaches.

EARLY VIOLET Medium size, skin yellowish green, with a purple cheek; flesh melting, rich and highly flavored. July.

BOSTON Bright yellow, red cheek; flesh yellow.

NEW WHITE NECTARINE Large white with blush.

QUETTA NECTARINE Good variety for home use and market.

Prunes and Plums

Prices on Prunes and Plums

	each	10 to 50	50 and over	300 or over
2 to 3 ft.	30c	25c	15c	12½c
3 to 4 ft.	40c	30c	20c	17½c
4 to 6 ft.	45c	35c	25c	22½c
6 to 8 ft.	50c	40c	30c	25c

LARGER LOTS, WRITE

FRENCH IMPROVED Identical with the larger sizes, and the trees being of a French prune in every respect. Its superiority consists in the fruit running to more willowy habit than the general run of French prune trees.

SILVER Large and handsome, oval in shape, light yellow skin; flesh firm, rich and sweet, and adheres to the stone. Fruit shaped like a prune, with the qualities of a plum. A very heavy bearer.

COATES 1418 (Also known as Date and Saratoga). This is a sweet prune, nearly a large as Italian and so far has proven to be an annual and prolific bearer; has had a full crop in seasons when Italian prunes failed to set fruit. A good dryer, drying out heavier per bushel than the Italian.

SUGAR PRUNE A large, dark purple, very sweet prune. A good home fruit.

IMPERIAL Large, sweet, reddish purple, good quality. This is a good pollinizer for other prune trees.

ITALIAN This is the regular standard Italian Prune which has been grown for many years. Medium, oval, tapering at both ends, blue in color, freestone. Best for drying or shipping to Eastern markets. This strain of Italian we have is hard to equal. We have about 100 acres of them in bearing of our own. All our young stock is heavy producing with an extra large fruit.

EARLY ITALIAN This is a very fine, large Italian Prune, ripening about 10 days earlier than regular standard Italian. A good prune for the fresh market. Also a good shipper. 5c higher than regular Italian.

WEATHERSPOON ITALIAN This is an Italian Prune of improved type. Large, heavy producer. A vigorous grower and one of the best shippers grown. Prices 5c higher than regular Italian. Ripens about the same time as regular Italian.

FRENCH PETITE PRUNE This is the regular old standard Petite Prune grown for many years in the Willamette Valley. Originally it came from France. A very sweet prune; good for drying.

HUNGARIAN PRUNE This is a large size prune extra fine for eating. Good to sell fresh on the Fresh Fruit Market. Comes reasonably early for a heavy producer.

STANDARD PRUNE Italian type prune resembling the regular Italian. Good for canning but not so good for shipping or drying.

REIN CLAUD Very fine canning, good market at canneries. Fine flavor and a prolific bearer. July.

Plums

Plums are a fine early fruit. We have selected out of the many varieties the best producing strains for the northwest, the inland empire and the Pacific Coast. All of our plum trees are grown from heavy-bearing strains. All varieties we have here are extremely hardy and will do real well in the cold climates as well as in the warmer climate.

Notice — Prices on Plum Trees are the same as Prunes.

ABUNDANCE Tree a strong grower, Fruit large; skin bright red cherry color; flesh yellow, tender and juicy. July and August.

BURBANK Medium to large, orange-yellow, dotted and marbled with red; flesh meaty, yellow, sweet and good; valuable for canning and a good market plum. Mid-June. Hardy and most prolific of the Japan varieties.

DAMSON Deep purple fruits of delicious quality. One of the best for marketing as it stands handling well. Tree vigorous, hardy and resists disease in a remarkable fashion. Good for jelly only. August.

GREEN GAGE Medium round, skin tender, yellowish green flesh. Separates freely from the stone. Middle of July.

PEACH PLUM Very large; skin brownish-red, slightly coarse grained but juicy; freestone; very popular as a home and market variety.

COLUMBIA Tree vigorous and productive; fruit of largest size; skin dark purple, flesh orange, not very juicy, but very rich, sugary and excellent. August.

SANTA ROSA Regarded as one of the best of the Japanese type of plums. Very large; deep purplish crimson color, with pale blue bloom. Flesh yellow, streaked and shaded with crimson. As a shipping plum it has few equals. Ripens middle of June.

YELLOW EGG Showy market variety and good for canning. Large; oval; deep golden; juicy; rather acid. July to August.

DUARTE Late July. Shipping. A blood red plum of late introduction. Fruit large and elongated; skin a dull red. Flesh firm, deep red, and good quality.

GIANT SATZOMA A new variety. Good shipper. 60c each.

SHIRO Originated by Luther Burbank. Fruit egg-shaped; medium size, smooth, bright yellow, thin bloom; flesh clings to the pit. Said to be more productive than the Burbank.

OMAHA Mid season, dark red, good eating. Very hardy.

ELDORADO Called Burbank's prize plum; very early, extra large, with a dark skin. Tree a very vigorous grower. A good shipping variety on account of earliness, size, quality and appearance.

GOLD PLUM Small yellow plum, very fine eating. Early July.

BEAUTY Another late introduction, having been accorded a leading place by the growers of shipping plums. Tree a most remarkably vigorous, upright grower with large, healthy foliage. Fruit beautiful, oval, crimson with amber-crimson flesh. The largest of the early plums and ripening 10 days earlier than Santa Rosa. June.

CLIMAX Very large; deep, dark red; flesh yellow, delicious flavor. Tree vigorous and very productive. Mid June.

SATSUMA Japanese variety; blood red flesh, small pit, pleaant flavor. Hardy.

COE'S GOLDEN DROP Large and handsome; light yellow, firm, rich and sweet. September.

APEX Early June. Shipping and market. One of the earliest plums. Medium size; light crimson; good flavor.

BRADSHAW Very large, dark violet red with good flavor. August.

WICKSON PLUM We advise to plant a tree or two for home use. Ripens early. July.

PRESIDENT PLUM A fine flavored plum. Medium large. Mid season. Heavy bearing. Ripens July and first of August.

Pears

All our young Pear buds and scions are selected from our heavy producing trees. We select only from the very best. We have made very good on our fresh pears on the Portland market this year even with low prices, as all our trees are heavy producers, with 90% fancy and extra fancy fruit. This is from selecting grafts from best trees. You will get same quality tree. Our Bartletts are very fancy long type.

Prices on Pears

	each	10 to 50	50 and over	300 or over
2 to 3 ft.	35c	30c	25c	20c
3 to 4 ft.	45c	40c	30c	25c
4 to 6 ft. (select)	55c	45c	35c	30c

Please write for special prices on quantities larger than listed.

BOSC One of the best early winters pears. A splendid shipping and commercial pear. Moderately long shaped. Solid ruset color. Flesh fine grained and highly flavored.

BARTLETT Large size. Golden yellow when ripe, with a beautiful blush next to the sun. Buttery, very juicy and highly flavored; tree a strong grower, bears early and abundantly; very popular. August and September.

CLAPP'S FAVORITE A large fine pear resembling the Bartlett, but without its musky flavor; pale lemon-yellow with brown dots, and fine texture, melting, buttery, juicy with delicate flavor; tree hardy and productive. August and September.

FLEMISH BEAUTY Large, juicy, melting and rich; strong grower and good bearer; very hardy but prefers sunny situation. September and October.

SECKEL Small, rich, yellowish-brown; one of the best flavored pears known; very producitve. September and October.

ANJOU (BUERRE D'ANJOU) A large, fine pear, buttery and melting with sprightly flavor; tree fine grower. Very productive. One of the best. October to January

HOWELL Early, profuse bearer; fruit rather large, flesh white, juicy, melting, vinous. Very good.

WINTER NELLIS Medium; skin yellowish green, dotted with gray russet; flesh yellowish white, fine grained, of a rich saccharine, aromatic flavor. December.

FALL BUTTER A favorite fall pear; yellow, sweet and juicy. Splendid baking pear. September.

WINTER BARTLETT Extra fine flavor. Fruit large, resembling Bartletts. A fine pear for home use.

COMICE A splendid commercial variety being of fine size; good appearance; ships well. October. Fine eating.

KIEFFER PEAR Winter variety. Rich golden yellow. Fine for canning and baking.

GORHAM Resembles Bartlett in size, color, shape, only ripens 2 week later. The flavor is sweet with very marked and pleasing aroma. The flesh is white, tender, buttery and juicy. The trees are vigorous and productive and very resistant to blight. **5c per tree extra.**

Italian Prunes — You Have Never Seen Better Ones. Always Insist on T.V.N. Trees — Years Ahead in Scientific Growing.

Cherries

There are few more desirable fruits than the cherry. They are being planted more and more each year and there is always a brisk demand on the market for good fruit. Cherries thrive in most any dry or well-drained sol. The fruit is delicious whether eaten out of hand or preserved. Be sure you get the genuine Mazzard root. We have trees 50 years old still bearing. We recommend the Mazzard root.

30,000 SWEET CHERRY TREES FOR SALE

The mother stock of all our cherry trees are heavy croppers. Lots of trees producing a half ton per tree. This insures your future orchard from our efforts. Plant a cherry orchard. Our eastern trade is getting larger every year for the black varieties; in a few years we won't have enough bearing orchards to fill the demand, as there have been very few orchards planted in the last 10 years in comparison to our increase in population. We have a wonderful root system on these trees. They are grown under special care.

Write for a special price on larger lots. Please submit list.

Prices on Cherries

	each	lots of 10	50 and over	300 and over
2 to 3 ft.	35c	30c	25c	20c
3 to 4 ft.	45c	40c	35c	30c
4 to 6 ft.	55c	45c	45c	40c
Select Trees	65c	55c	50c	45c

GOLD CHERRY A new sweet cherry, fine for preserving or maraschino.

BING CHERRY A large sized black cherry which ripens with the R. Ann and whose habit of growth is similar to the R. Ann. One of the best fresh fruit cherries on the market and is good shipper.

BLACK REPUBLICAN Medium sized black cherry with purplih flesh. Very sweet. Good pollenizer. Originated by Seth Lewelling, a pioneer nurseryman of Oregon.

LARGE MONTMORENCY Large, roundish, red, flesh tender, mildly acid and better quality than the Early Richmond and about 10 days later. One of the popular sorts. Late June. Planted commercially for large canners.

ROYAL ANN (NAPOLEON)
A beautiful cherry of large size; pale yellow with bright red cheeks; flesh firm, juicy and sweet. One of the best for market and canning. The hardiest of the light yellow cherries and deservedly popular. Early July.

WATERHOUSE One of the best for use as a pollenizer among the sweet cherries.

KENTISH or EARLY RICHMOND
Medium size, dark red, melting and juicy, acid flavor. One of the most valuable and popular of the acid cherries and is unsurpassed for cooking. Tree slender grower, exceedingly productive and very hardy. Stands most severe weather.

LAMBERT One of the largest known. Smooth, glossy, dark purplish-red, wtih numerous russet dots. Almost black when ripe. Flesh dark purplish-red with white vein; firm, meaty, flavor sweet, rich and highest quality. Form roundish, heart shaped. Tree hardy and vigorous. A good shipping variety and one of the best for canning.

MAY DUKE This is one of the best hardy cherries; medium size, dark red, melting, rich and juicy. First of June.

BLACK TARTARIAN Very large, bright, purplish-black; half tender, juicy, very rich and flavor excellent. Tree a vigorous grower and producer. June. A good pollenizer.

LATE DUKE Fruit large, roundish, rich dark red; sub-acid. Tree hardy; very valuable. Ripens last of July.

NEW DEACON The best pollinizer grown for sweet cherries, especially Bing and Lamberts. Looks like Bing. Firm.

BLACK OREGON A pollinizer. Medium size, firm black.

ENGLISH MORELLO Black red color, acid, juicy, medium sour.

CENTENNIAL CHERRY A pollinizer.

MAZZARD CHERRY SEEDLINGS

For Orchard Planting. These are extra nice rooted trees.
PRICES—SOLD ONLY IN LOTS OVER 50 TREES

2 to 3 ft.....10c each
3 to 4 ft.....12c each
4 to 6 ft.....15c each
6 to 8 ft.....20c each

Quinces

The quince is one of the finest fruits for making jelly. We advise planting these for the commercial market. Prices have been about 5c per lb. on the fresh market.

2 to 3 ft. 35c each 3 to 4 ft. 50c 4 to 6 ft (extra large) 60c each

ORANGE Large, roundish, somewhat irregular with a small and short neck at the base; fine golden yellow flesh and of excellent flavor. October.

PINEAPPLE One of the bet for home use with large fruit and highly flavored.

CHAMPION QUINCE Very large, bright yellow.

Grapes

Everyone should have a few grape vines in the home garden. They require very little cultivation. If proper selection of varieties is made, one may have grapes on the tables for several months in the year. They can be trained over fences, trellises, or doorways and thus be ornamental as well as useful. To grow for market, they can be planted on hillsides that are unsuitable for other crops. They should, in all cases, have a free exposure to the sun and air.

	each	10 to 50	50 or over
1 yr. No. 1 grade, extra quality	15c	12c	10c
2 yr. No. 1 grade, extra quality	20c	15c	12c

Large lots, write

SWEET WATER Very sweet, white.

CAMPBELL'S EARLY A new, very large and fine early grape. Black, strong, vigorous, hardy vines with thick, healthy leaves; clusters very large, usually shouldered, compact and handsome; berries large, nearly round, black rich, sweet, very good; thin skin; seeds few and small, parting easily from the pulp; a good shipper. Ripens very early, but remains sound on the vines for many weeks. This makes it one of the most satisfactory and profitable market sorts to grow.

CONCORD One of the most popular and reliable varieties we possess; bunch large, compact and shouldered; berry large, round, almost black with blue bloom, juicy, buttery and very sweet.

DELAWARE The bunches are small, compact and sometimes shouldered; berries are small with thin but firm skin; flesh juicy, very sweet and refreshing and of the best quality for both table and for wine. Ripens with Concord or a little before; vine is hardy, productive.

NIAGARA Occupies the same position among the white varieties as Concord among the black. Bunch and berries large greenish white, changing to pale yellow when fully ripe. Skin thin but tough. Quality much like the Concord.

BRIGHTON Bunch large, shouldered, berries medium to large, round, dark, red, tender, very little pulp, sweet juicy, slightly aromatic and very good. Ripens early.

FLAME TOKAY Bunches very large and moderately compact; berries large, skin thick, pale red, covered with bloom; fresh, firm, sweet; an old standard variety, always demands a good price in the markets, and as a table grape, more extensively planted than any other variety. October.

ISLAND BELL This is a very large Blue Grape, by far one of the finest grapes grown. Fine for jelly juice, etc. A wonderful flavor. Grown in large quantities around the Olympic peninsula.

MALAGA Very large; oval; yellowish green; fleshy; one of the best shipping grapes. Immensely producitve, thriving in almost any soil. Makes good second-quality raisin. August.

MOORE'S EARLY A large grape, ripening a week earlier than Concord; good grower; berries large, good quality.

WORDEN Seedling of the Concord, which it greatly resembles in appearance and flavor, but the berries are larger. The fruit is said to be better flavored and to ripen several days earlier. These qualities will give it the foremost rank among native grapes.

MUSCAT OF ALEXANDER Bunches large, long and loose; berries large, slightly oval, pale amber when ripe, covered with a thin, white bloom; flesh firm, brittle, exceedingly sweet and rich; fine flavored; the variety most extensively planted for raisins. September.

THOMPSON'S SEEDLESS (SULTANINA BLANCHE) Very large; greenish yellow; firm; oval; seedless; prized for shipping and raisins. August.

ZINFANDEL A California variety. A good wine variety.

RED MOUNTAIN A pink wine grape; the best for all around use.

RIESLING A fine white grape; medium sweet; good for wine and juice.

Boysenberry

The Boysenberry was developed from three blackberries of unknown origin. Cuthbert raspberry and loganberry. All of these berries are hardy. We have found out this last year that Boysenberries will stand a temperature as low as 32 degrees below zero without injury. As far as we know they are the hardiest berry there is.

Newest, largest and best flavored berry grown. We advise to plant them commercially, or for family use; large profits. Our plants are grown here in the Tualatin Valley, giving them a fine root system and very hardy. They will thrive better than plants grown in a warmer climate. We have the genuine Boysenberry plants that come from the original strain.

15c each 10 for $1.00 100 for $6.00

50 to go at 100 rate 500 or more $45.00 per 1,000

Larger lots, write

Raspberry

The raspberry is one of the most delicious and popular fruits grown. They are always in demand in season and command good prices on the market. For canning purposes they are unexcelled. They are easily cultivated and require little care.

7c each 10 for 65c 25 for $1.35 100 for $2.85

CUTHBERT This is the leading red raspberry in California. It is a strong and abundant bearer. The foliage is large and abundant, which affords ample protection to the fruit. The berries are large, a beautiful deep crimson in color, possessing a most pleasing flavor. Unlike many other berries the Cuthbert is a very easily picked berry and holds up well in shipping consequently is highly prized not only for home uses but as a commercial and shipping variety.

LLOYD GEORGE This is a fine large berry, a two crop variety. It is an exceptionally good berry for home use or for the commercial grower. They are extra heavy producing strain and are free from disease.

LATHAM This is a fine red raspberry. It grows to a good large size, extra fine for canning, also for commercial growing. They are highly recommended among berry growers.

ST. REGIS EVERBEARING Commences to bear early. Ripens early in the season. Large, well-flavored berries and continues to produce fruit until the frost.

MUNGER The fruit of Munger is black and resembles Gregg very much. It is a better flavored berry than Gregg, tougher in texture and therefore a better shipper. In size it excels Gregg by 25%.

CUMBERLAND A healthy, vigorous grower, throwing up stout, stock, well branched canes that produce immense crops. Fruits very profitable; large, firm, quality about same as Gregg, keeps and ship well as any of the blacks.

We have varieties of raspberries not listed. Please write for them. Also we can make prices much lower in 500 lots.

NEWBURGH Introduced by the New York Fruit Testing Association who declare that it is the best Red Raspberry in New York. Has been thoroughly tested throughout the country. Produces heavy. Vigorous, healthy and very resistant to diseases. Berries are unusually large, very firm, extra fancy flavor and do not crumble. The color is a bright attractive red. It is the heaviest yielding red raspberry. Never known to winter kill. **Each 10c, 10 for 75c, $4.50 per hundred, $28 per thousand.**

TAYLOR Introduced by the New York Experimental Station. Fruit very large. Color bright attarctive red. Long conical-shaped. Flavor sub-acid, quality good. Has thick flesh small cavity, very firm, will not crumble, wonderful canning. Plants are tall, vigorous. Stands extreme cold weather. **Each 15c, 10 for 75c, $4.75 per hundred, $28 per thousand.**

25 for 35c 100 for $1.00
250 for $1.90 1,000 for $5.75

Strawberry

Few fruits offer greater returns for land and labor invested than strawberries. With little care and attention they thrive in most any soil, while extra efforts and cultivation will be rewarded by especially fine crops. Whether you grow for market or home use only, have the best sorts by all means. Below we list the cream of all for this part of the country.

NEW OREGON This handsome new strawberry has made a very favorable impression. The berry is very large, firm and handsome; rich, dark red, extending to the center. The flavor is rich, sweet and delicious. For table use and canning it cannot be equalled. The Oregon ripens very early and continues in bearing until late in the season, a good second crop coming on about October. Very prolific and a heavy cropper.

MARSHALL One of our best Western varieties and very popular wherever known. Marhall is one of the blood-red varieties.

GOLD DOLLAR A splendid early commercial sort; moderately sub-acid; a good canning berry.

RED HEART Best and most popular canning berry. It brought 1c per pound premium over other varieties at the canneries. Heavy bearing vines; healthy, thrifty growers. Advise planting these for home use or commercial planter.

Everbearing Strawberries

Prices on Everbearing Strawberries—except Rockhill
25 for 50c 100 for $1.50 250 for $3.00

MASTADON EVERBEARING
One of the best all around everbearing strawberries grown. Good large size and heavy producers.

ROCKHILL Newest strawberry grown — the Rockhill, introduced in Oregon several years ago and the Wayzata as it is called in the Great Lakes region, produce fruit identical in size, flavor and seasons. In the northern climates the Wyzata is inclined to make a few runner plants, whereas the Rockhill seldom shows this characteristic. The Wyzata, however performs identically here with the Rockhill as neither of them seldom make runners. The foliage and other plant characteristics are identical.

The size and percentage of large No. 1 grade berries produced by these varieties are above the average, and they have a flavor and texture unlike any other strawberry we have ever grown—indescribably delicious.

Should be set about 15 x 24 inches—equivalent of 15,000 plants to the acre. Responds well to both overhead and ditch irrigation and thrives well in most any type of soil in which other varieties can be successfully grown. **Plant prices: 25 for $1.25; 50 for $2.00; 100 for $3.85; 1000 for $35.00**

HUCKLEBERRY BUSHES
These huckleberry bushes we have are a very fine producing berry bush. They can be used as a shrub, as you can take off some beautiful cuttings. 4 or 5 huckleberry bushes will give you plenty of berries for pies and canning. They will grow exceptionally well anywhere around the Pacific Coast. We can furnish these in fine large plants. They will bear fruit next year. We could furnish them at $1.25 per plant. If interested in quantities in smaller sizes, kindly get in touch with us as we can furnish several thousand.

GEM EVERBEARING This is an exceptionally fine improved strain of strawberry; produces exceptionally fine flavored fruit.

Sweet Cherry Trees, We Have Never Seen or Grown Better — Lambert, Bing and Royal Ann Trees — Than We Have This Last Year. Tualatin Valley Nursery Trees Are Dependable. Try Them for Success.

New Youngberries

Our plants are taken from the best and most improved strains. Large profits—up to $1,000 per acre—are made from growing this new popular berry. Try out 100 plants now. They are extremely hardy. We have sold the Youngberry plants all over the Northwest and east of the Cascade mountains. They are a very hardy plant and there also is a ready market for the fruit on the fresh market at all times. Also a brisk demand at the canneries.

1 year plants 15c each 5 for 60c 10 for $1.00 100 for $4.50 1,000 for $27.50
Youngberry 2 yr. transplants—20c each; 10 for $1.25; 50 or more 9c each; 500 or more 7½c each

PLANT THE WONDERFUL NEW THORNLESS YOUNGBERRY

The THORNLESS is superior to the parent thorny type only to the extent that the hard punishing and annoying thorns are not present. In other respects there is little difference. 1 yr. old. **Each 20c; 10 $1.50; 25 $3.00; 100 $7.50.**

Blackberries

We have a nice assortment of several different varieties of Blackberries. All are grown from good healthy plants. Prices are as follows:

15c each 5 for 65c 10 for 95c 100 for $7.50

HIMALAYA This is an exceptionally fine train for berries, etc. Comes earlier than the evergreen. Good for home use or for selling on the Fresh Fruit Market as well as canneries.

EVERGREEN This is the regular Oregon native blackberry. Grow wild in most sections west of the Cascade mountains. A prolific bearer; makes a wonderful berry.

LUCRETIA DEWBERRY This variety of berry is something similar in size to blackberries but has more the color of a youngberry. It makes very fine berries. It has a good market on the Fresh Fruit stands.

SANTIAM This is another wild blackberry grown and originated along the Willamette River. It has the exact flavor of the old-time wild blackberry. They are an extremely vigorous grower and good producers. The flavor cannot be equaled. We advise planting these for home use for canning. Makes preserves, etc.

MAMMOTH A fine blackberry whose fruit is almost seedless. A very sweet berry; good for home use.

NECTAR BERRY One of the latest introductions among the vine berries whose habits of growth and fruiting are similar to the Boysenberry. Originating at El Monte, California, it has been tested alongside of all the other standard sorts and claimed by the originator and those who have watched it closely to be larger and much sweeter than Boysen, and more productive than any other berry of its type. **Prices 25c each; 10 for $1.85. Large lots, write.**

THORNLESS BOYSENBERRY

The standard Boysenberry has been severely criticized for its pronounced thorniness and most all will agree that a smooth caned Boysen would be a valuable improvement on this popular variety. We are happy to announce that we now have it, a true Boysen with perfectly smooth canes, a very strong grower with heavy foliage, earlier than the parent by seven days, and even more productive and with less acid. **Price, each $1.00, 6 for $5.00.**

Other varieties, Lawton and many others not listed.

Loganberries

Each 15c; 10 for 90c; 100 at $4.75

LOGANBERRY Fruit long, dark red, partakes of the flavor of both the Raspberry and Blackberry. A well known berry, is planted commercially throughout the Northwest. Ripens in May.

THORNLESS LOGANBERRIES

These do not have stickers. **Each 25c, 10 for $1.85.**

Gooseberries

Extra Heavy Year Old
10c each 10 for 90c
100 for $7.50

OREGON CHAMPION Large, skin light green with flesh very sweet, juicy, excellent flavor; very prolific bearer and will not mildew.

Currants

The currant is one of the most valuable of small fruits. They mature just before raspberries and can be used either raw or cooked. Being very hardy, they do not winter kill and require little care.

10c each 10 for 90c 50 for $3.75

CHERRY The largest of all red currants; berries sometmes more than one-half inch in diameter; bunches short; plant very vigorous and productive when grown on good soil and well cultivated.

FAY'S PROLIFIC For size, beauty and productiveness it is a remarkable red currant. The berry is equal to cherry currant, while the flavor is superior. The stem is long, which permits rapid picking, valuable for both market and home. Fruit hangs well, never dropping, as in other currants.

PERFECTION Bright red, and of a size larger than the Fay; size of berries is maintained to end of bunch. It is one of the most productive currants. Rich, mild, subacid flavor and having plenty of pulp with few seeds. You can pick Perfections a fast as cherries.

Asparagus

2 yr. old plants 12 for 25c; 25 for 45c; 100 for $1.50; 500 for $4.50

PALMETTO A very early variety; even regular size, of excellent quality.

WASHINGTON A new rust-resistant pedogreed asparagus. As a standard variety for the production of fancy asparagus for the home or market, it stands ahead of all others for size, vigor, tenderness, quality and rust-resistance.

Rhubarb

Mammoth. Crown Divisions, 12c; 5 at 10½c each. 50 at 7½c each

MAMMOTH Large, early, tender and fine; the very best of all.

RIVERSIDE GIANT Very larg,e fine canning. Larger lots please write.

STRAWBERRY A good variety.

Horseradish

8c each 12 for 70c

25 for 90c 50 for $1.50

As a table relish horseradish is without a superior. Its cultivation forms an important industry in many sections. Should be planted in the early spring.

Our berry plants grown in the fertile Tualatin Valley will assure you of extra quality root system. Varieties not listed please write.

5 plants go at 10 rate 50 at 100 rate Large lots discounted

Figs

We can furnish the Lattarula Fig. This is a white fig and two crops a year. We can highly recommend this variety for the Northwest. It also will grow in Washington and Idaho territory, but we advise covering them during the severe freezing weather. This is the only variety of the many varieties of figs which we can highly recommend that will ripen and produce good. There are lots of varieties of figs but they will not do anywhere in the Northwest. For that reason we are only listing the one variety. If interest in another variety kindly write, as we can furnish several other varieties on request. Oregon grown three year trees at $1.75 each.

GRAFTED PERSIMMON TREES

3-4 ft. $1.00; 4-6 ft. $1.25; 5 lots, write

HOP PLANTS

Each 25c 10 lots 10c each

Large orders, write. 70 acres of hops.

BUTTERNUT This is a variety of tree something like a Black Walnut only with larger leaves. 3 to 4 ft., **$1.00 each.**

SEEDLING PECAN TREES

2 ft. size. **50c each.**

HICKORY NUT TREES Plant a Hickory Nut for beauty. 1 ft. tall, 2 years old from seed. **50c each.**

Nut Trees

The Pacific Coast is exceptionally well adapted to the growing of nut trees. We have one of the finest lots of nursery grown tip-layered filbert trees that you could possibly get. All of our filberts and walnuts are grown from highly productive strains. You will profit by buying your trees from us on account of our many fruit and nut orchards. Our experience is your gain. In filbert trees we can either furnish the tip-layered stock or the grafted trees. We can also furnish walnut trees either grafted on to the black walnut or on to the Franquette seedling walnut root.

Walnut

Grafted Franquette Walnut

	Grafted on Black		
	each	5 to 50	over 50
3 to 4 ft.	$ .85	$ .80	$ .75
4 to 6 ft.	1.25	1.00	.90
6 to 8 ft.	1.50	1.25	1.00
8 to 10 ft.	1.75	1.50	1.25

FRANQUETTE WALNUT **Grafted on Franquette Seedling**, are better than Black Root. We have the largest block in the state. Many of the leading walnut growers have found that the walnut trees grafted on Franquette seedlings are a longer life tree. We have one planting of our own, the trees are 30 years old and they sure are beautiful. Trees producing large crops. The prices of these trees are higher as costs are greater for growing. Plant Tualatin Valley Nursery grown Grafted Franquettes on seedling roots. Tualatin Valley Nursery has the only large block of Grafted Franquettes on Franquett Seedling Roots in the Northwest. **6-8 ft., $1.85 each; 4-6 ft., $1.65 each; 3-4 ft., $1.35. Lots over 50 trees deduct 10c per tree.**

We grow one of the best Vrooman strain Franquette Walnuts in the state. We have one of the largest plantings in bearing.

FRANQUETTE WALNUT **(Grafted on Black.)** This variety is the most popular grown in the Northwest. Very large and long, coming to a sharp point, shell is hard but thin enough to hull easily, and above all, seals well, eliminating loss by molding; has proven to be a vigorous grower, young and prolific bearer, making a beautiful as well as profitable shade tree and has nearly eliminated the sale of all other trees used for shade before the Franquette was introduced and had proven its worth, for nearly all curb plantings in the cities of the Northwest are now planted to Franquette walnut trees. We have them in large sizes for curb plantings.

NEW GRAFTED BLACK WALNUTS These are an improved Eastern variety of Black Walnut. They are a grafted tree. The meat of these walnuts comes out in halves more like the English Walnut. We have three good varieties: **Thomas** Black, **Stanbough** Black and **Stabler** Black. The prices on them are as follows:

3 to 4 ft., $1.25, 5 lots; $1.00 each
4 to 6 ft., 1.50, 5 lots; 1.25 each
6 to 8 ft., 1.75, 5 lots; 1.50 each
Large lots, write

We can furnish two varieties of Franquette Pollinizer Walnuts. Prices:

MAYLON 4 to 6 ftt, **$1.75 each**

KING 4 to 6 ft., **$2.50 each.**

Almonds

	each	5 to 50	50 or over
2-3 ft.	35c	30c	25c
3-4 ft.	45c	40c	30c
4-6 ft.	50c	45c	35c
Extra select	65c	50c	40c

Order at least three varieties to get proper pollinization. Almonds will grow in the Northwest.

I. X. L. A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

NONPAREIL Tree beautiful, slightly weeping; nut sweet and shell very thin. Best for the home.

NE PLUS ULTRA Large and very long; soft shell; hulls free. Tree heavy and regular bearer.

DRAKE'S SEEDLING Tree a strong grower and heavy bearer. Like the Texas Prolific it is valued for fertilizing other varieties of almonds. Nut medium size, kernel soft, plump and sweet. Soft shells.

TEXAS PROLIFIC Closely resembles Drake's Seedling. Kernel very plump and of medium size, well well filled, shell soft, hulls very easily. Valuable pollinizer.

Filberts

Filbert growing is commencing to be one of the biggest industries in the Tualatin and Willamette Valley. They have proven to be an exceptionally fine success. Tualatin Valley Nurseries have a new planting of their own of 50 acres. There is something over 3500 trees in this planting. We only lost about 6 trees out of this large amount. This proves that Tualatin Nursery stock will give 100% satisfaction. Many of our large growers have planted as many as a thousand trees without any loss on account of the quality trees. Many of the growers plant their orchards at various distances ranging all the way from 18 to 25 ft. If you have a deep rich soil, we advise planting them a little farther apart. On soils that are shallow and not so rich, it will be satisfactory to crowd them a little closer. The average orchards are planted 20 feet. This takes 108 trees to the acre. In planting always remember that you place a pollinizer, one tree to 9. In other words you put a pollinizer every third tree in every third row. Use the Duchilley and Daviana. We advise using one Duchilley then have the next pollinizer a Daviana, then a Duchilley again, etc. This way you can see that there will be a pollinizer against every one of the Barcelonas. The Barcelonas are by far the most profitable as they are heavier producers and are self-husky The Barcelona is a round type nut. The Duchilley, one of the pollinizing variety is an oblong nut bringing about two cents per pound more on the market. They do not bear quite so heavy and do not self-husk themselves. In other words the cost of harvesting would be more. The Daviana is a small round nut but is a wonderful flavored nut, but it is worth less on the market than any of the others. We advise to always put in a few as pollinizers anyway.

Filberts can be grown successfully on most any kind of soil, although the hill soil or any soil that is sandy or shot loam, that is well-drained is best. We have known them to grow in quite wet places and will do reasonably well but they are much less profitable on that kind of ground. They will grow as far north as the Canadian line on the West coast. We have sold several small orders east of the mountains in Idaho, Eastern Oregon, Eastern Washington, Montana and as far as we know they will thrive quite well but may not be quite as profitable as on the west coast. Any growers deciding to plant in those districts we would advise not to go too heavy but plan only for an acre or two. We are sure that they would not lose by doing so. They will also do quite well in northern California, Nevada and Utah.

There are also two other varieties of filberts which we grow, as you will notice, they are listed in our catalog. If there is any further information you would like regarding the filbert growing, kindly get in touch with us.

We can safely say that our filbert tree stock is the highest class that you possibly can get as this productiveness is healthy and vigorous growing stock. Our own orchard of 50 acres will easily prove that if you are only in the market for 3 or 4 filbert trees, we believe that you could get by, by ordering just one of the pollinizers, either Duchilley or Daviana. These filbert trees of ours are the tip-laired stock. We do not sell the suckered stock which you can buy at lower prices so do not get this confused with our stock. If interested in cheap sucker stock get in touch with us as it may be we can secure some from some of the growers that have them but for real success insist on Tualatin Valley Nursery tip-laired filberts.

Nursery Grown, Tip Layered Barcelona, Duchilly, Daviana

	each	5 to 50	50 or more
2 to 3 ft.	40c	35c	25c
3 to 4 ft.	50c	45c	35c
4 to 6 ft.	60c	50c	45c

Grafted Brix Nut and Halles Giant

	each	5 to 50	50 or more
2 to 3 ft.	60c	55c	45c
3 to 4 ft.	75c	65c	60c
4 to 5 ft.	90c	85c	75c

The Barcelona and Brix nut are commercial round nuts. Duchilly is long nut.

The Duchilly and Daviana are pollenizers for the Barcelona. The Halles Giant is a pollenizer for the Brix Nut. One pollenizer is plenty for 9 Brix Nut or 9 Barcelona.

CHESTNUT SEEDLING TREES
Bear Good Crops

AMERICAN SWEET ITALIAN, SPANISH

2-3 ft.....Each 45c; 10 to 50—35c
3-4 ft.....Each 70c; 10 to 50—50c
4-5 ft.....Each 85c; 10 to 50—70c

CHESTNUT GRAFTED VARIETIES

Very Large Nuts

You will be pleased with this fine nut.

2-3 ft.....Each 50c; 10 to 50—45c
3-4 ft.....Each 80c; 10 to 50—75c

Deciduous Shade Trees

We have a fine assortment of shade trees. All are good hardy varieties of trees that will do real well east or west of the Cascade mountains. The varieties we have selected and which we grow are the best for both localities.

AMERICAN LINDEN 4 to 6 foot—85c 3 to 4 foot—65c

HAWTHORNE (Paul's Scarlet)
A small erect tree with bright scarlet flowers, followed by dull red berries. **3-4 ft. 65c; 4-6 ft. 75c; 6-8 ft. 90c**

HORSE CHESTNUT (Aesculus Hippocastanum) A handsome tree of regular form with showy foliage and covered in the spring with panicles of white flowers marked with red. **6-8 ft. $1.50.**

NORWAY MAPLE A large handsome tree, with broad, deep green foliage; has a very compact growth; a valuable tree for parks, lawns or streets. **4-6 ft. 75c; 6-8 ft. 85c.**

COMMON BLACK LOCUST
A rapid growing tree; will thrive in any soil; flowers in long pendulous racemes, white and fragrant. **4-6 ft. 65c; 6-8 ft. 75c.**

CAROLINA POPLAR (Populus Eugenei) Very strong growing tree of broad, columnar shape. Does not produce the annoying "cotton" of the native cottonwoods. **6-8 ft. 75c; 8-10 ft. 90c.**

LOMBARD POPLAR (Populus Nigra Italica) In shape this is the exclamation mark among trees. Its towering spire has an individuality all its own. For tall screens and backgrounds, this tree is admirable. **6-8 ft 85c; 8-10 ft. $1.00.**

OREGON MAPLE (Acer Macrophyllum) A most graceful tree, with wide-spreading branches and large foliage. Very rapid growth. **6-8 ft., 85c.**

WESTERN CATALPA Western variety, rapid growth, a very large leaf. It also is hardy and will stand below zero weather. **3-4 ft. 75c; 4-6 ft. 90c; 6-8 ft. $1.00.**

AMERICAN ELM (Ulmus Americana) A magnificent tree growing 80 to 100 ft. high, with drooping, speading branches; one of the grandest of our native trees; makes a beautiful lawn or street tree. **6-8 ft. 85c; 4-6 ft. 65c.**

CUT LEAF WEEPING BIRCH (WHITE) One of the best shade trees for lawn and street. **3-4 ft. 65c; 4-6 ft. 85c; 6-8 ft. $1.20.**

JAPANESE FLOWERING CHERRY Wonderful tree for specimen or group planting. The large, double pink, long-stem flowers borne in large clusters enable this tree to stand out as one of the best flowering trees. **3-4 ft. 75c; 4-6 ft. 85c.**

SYCAMORE MAPLE (Acer Pseudoplatanaus) Extra large foliage, very hardy **6-8 ft. $1.30; 4-6 ft. $1.00; 3-4 ft. 75c.**

RUSSIAN MULBERRY These are a fine shade tree, medium size, leaf quick growing. **3-4 ft. 65c; 4-6 ft. 85c.**

HONEY LOCUST **3-4 ft. 50c; 4-6 ft. 75c.**

SUGAR MAPLE A very fine upright growing tree; makes wonderful shade. **3-4 ft. 55c; 4-6 ft. 75c.**

CHINESE ELM One of the fastest growing trees, small leaf, a beautiful tree for quick shade; it is ornamental. **3-4 ft. 50c; 4-6 ft. 75c; 6-8 ft. $1.00;** large lots write.

WEEPING WILLOW Green variety, the one mostly planted. A beautiful fast growing tree, will grow most any place. **4-6 ft. 85c; 6-8 ft. $1.00.**

EUROPEAN WHITE BIRCH
A slim shade tree, dark green leaf, for yard or lawn. **4-6 ft. 65c; 6-8 ft. $1.00.**

MOUNTAIN ASH This is a beautiful tree for your home, either front or back yard. It has a red berry in the fall and winter. **4-6 ft. 75c; 6-8ft.$1.20.**

MOSS LOCUST Vining tree. **3 ft. 50c.**

RED BUD Shade. Produces mass of rosy-pink flowers. Early spring. **2-3 ft. 75c; 3-4 ft. $1.00.**

RED OAK **2-3 ft. 75c; 3-4 ft. $1.25.**

CORK BARK ELM Beautiful shade tree. **3-4 ft. 75c; 4-6 ft. 90c.**

SOU WOOD TREE A bushy shrub tree. **1 ft. tall 50c each, 12-18 inches 75c ea.**

EASTERN GREEN ASH A rapid grower, very fine for back yard or barn lot; plant in groups. **3-4 ft. 35c; 4-6 ft. 50c.**

BOXELDER This is the old time box elder. Fast growing. **3-4 ft. 40c; 4-6 ft. 65c.**

Flowering Shade Trees

The varities of flowering shade trees which we have listed here are suitable for either east or west of the Cascade Mountains. All are good and hardy and will stand zero weather. We also have some varieties not listed. In case you are interested in them, kindly wrtie us. The varieties we do list are the best, selected from hundreds of varieties.

TULIP TREES These have a very large leaf. Trees aren't very fast growing. **3-4 ft. 85c.**

BLIRIANA PLUM Purple leaf plum, a beautiful flower in the spring. **3-4 ft. 50c; 4-6 ft. 75c.**

TRILOBA FLOWERING PLUM Purple leaf all summer and a small rose flower in the spring. **3-4 ft. 50c; 4-6 ft. 75c.**

THUNDER CLOUD Another purple leaf tree. Leaf keeps purple all summer, a pink blossom in the spring. **3-4 ft. 50c; 4-6 ft. 75c.**

FLOWERING CRABS Five varieties. **Neidzwetskyana** (red vein, red blossom), **Bechtel** (delicate pink), **Scheideckeri** (double ping), **Carmine** (brilliant red), and **Medevinsci** (purple colored flower, fine odor). Any three of the above at **$1.90** or **75c** each.

PURPLE LEAF FILBERT TREE **75c each.**

PRUNUS PISSARDI This has purple leaf all summer, is the oldest type of purple leaf tree. Beautiful up right shape. **3-4 ft. 50c; 4-6 ft. 75c.**

FLOWERING PEACH Red or pink 3-4 ft. **40c**; 4-6 ft. **50c.**

FLOWERING QUINCE 2-3 ft 75c.

JAP WEEPING CHERRIES Beautiful trees. Single and double varieties; selected trees. **5-6 ft. $1.35; 6-7 ft. $1.50: 7-8 ft. $1.75.** Select 6-yr.-old trees **$3.75 each.**

Ornamental Shrubs

We are listing the very best shrubs for most localities. Most varieties are quite hardy although we have a quantity of varieties which are limited. Space does not allow to list everything, so if there is anything you are interested in kindly write us for quotations.

FORSYTHIA This is a deciduous plant. Will grow in cold countries. It is very beautiful, having yellow bell flowers in very early spring. **12 inches, 75c each.**

BARBERRY RED This is a beautiful red leafed, 8 to 12 inches. Price **75c each**

DELPHINIUM A long blue flower. The tops of these plants die. Back in the winter. It flowers during the summer and fall. An annual flower. **50c each.**

ROSE DALE This is a very beautiful light green shrub. Fine for yard or near house. It is hardy. Will be pleased with this shrub. 12 to 18 inches. Price **$1.25 each.**

WHITE & PINK FLOWERING ALMOND (Prunus Glandulosa) A vigorous, beautiful tree, covered in May with rose colored blossoms like small roses; hardy. **2-3 ft. 40c; 3-4 ft. 50c.**

JAPANESE BARBERRY (Berberis Thunbergi) Used extensively where a good bushy hedge is desired. The foliage is an excellent green which turns a beautiful coppery red in the fall, followed by pretty red berries. Not susceptible to wheat rust. Can be grown either trimmed or untrimmed, with a height of from 1½ to 3 ft. **18 to 24 inches 75c.**

DOUBLE DEUTZIA ROSEA (Scabra Plena) One of the most satisfactory shrubs to plant for spring blooming, either singly or in masses; bearing a profusion of pink or white blossoms on long, slender racemes of 4 to 6 inches long; easy of culture, thriving in almost any soil. **18 to 24 inches 75c.**

DEUTZIA PRIDE OF ROCHESTER Produces large white flowers, tinged with rose; vigorous grower, profuse bloomer and one of the earliest to bloom. **18 to 24 inches 75c.**

DEUTZIA WATERER (D. Scabra Wateri) Good variety with very large double white flowers, tinged with pink; borne in large, loose clusters. Robust grower and very hardy. **18 to 24 inches 75c.**

SPREADING JUNIPER 12 - 18 inches. For banks, lawns, or rockeries. **$1.25 each.**

BOX WOOD Green folliage. Small leaf. Compact. 6 inches, **25 each.**

MOCK ORANGE (Lewis) Not so strong a grower as the foregoing varieties. Flowers large and abundant. Does well throughout the Northwest. **3-4 ft. 75c.**

JAPAN FLOWERING QUINCE (Cydonia Japonica)

One of the best flowering shrubs; flowers a bright scarlet crimson, borne in great profusion in early spring; foliage retains its color of bright glossy green the entire summer; hardy; make good headge plants. **3-4 ft. $1.50.**

PINK TARTARIAN UPRIGHT HONEYSUCKLE (Lonicera Rosea)

Pink flowers that make a lovely contrast with the foliage; planted with the Grandiflora, the two make a beautiful display. **3-4 ft. $1.00.**

SMOOTH HYDRANGEA (Arboresens)

This grand American shrub deserves increased attention. Handsome foliage and showy, snow white. ball shaped clusters of flowers make it a most conspicuous object wherever grown. Blooms the greater part of summer; does its best under all circumstances, is perfectly hardy and increases in size and beauty from year to year. Does best in moist fertile soil, with full exposure to the sun. Thrives most anywhere and does well even if neglected. **12 to 18 inches 75c.**

PEEGEE HYDERANGIA (H. Paniculata Grandiflora)

A beautiful, tall shrub with leaves of bright, shiny green; flowers borne in huge panicles from 8 to 12 inches long. light pink, changing to brown later in the fall; blooms in August and September; can be grown in tree form successfully and makes a very desirable lawn ornament. **2-3 ft. 75c.**

COMMON SNOWBALL (V. Opulus Sterile)

Grows 6 to 8 inches high; the old fashioned snowball; its large, globular clusters of pure white flowers are produced in May and June and make a very attractive appearance. **3-4 ft. $1.25.**

BRIDAL WREATH (Spirea Promfolia)

Late blooming, April or May. Flat, single white flowers making the entire bush into a huge snowball. Very graceful arching form, beautiful rounded leaves, with scalloped edges. **18 to 24 inches 75c.**

ANTHONY WATERER SPIREA

A very popular low growing bush, becoming 2 feet high and constantly in bloom all summer. Flower clusters large, flat topped and of deep rose color. **18 to 24 inches 75c.**

VANHOUTTE (Spirea Vanhouttei)

This is the most popular of all the spireas, and is more largely planted than any other one shrub. Its gracefuly arching branches heaped as they are with the white blossoms in spring, and its thrifiness under the most trying conditions, are reasons for its popularity. It is adapted to many purposes in outdoor decoration and wherever it is put it thrives, always giving beauty and cheer in return. **3-4 ft. 75c.**

HEATHER

Large size 50c

BUTTERFLY BUSH (Buddleia Varia Bilis Magnifica)

Fast growing, bushy shrubs to 10 ft.; remains half evergreen except in extremely cold climates. Blossoms from June until November; long purple spikes resembling Wisteria; fragrant. **2-3 ft. 75c.**

LILAC (Purple)

The well-known purple variety; always a standard sort. Lilacs are well-known; a beautiful shrub, indispensable in every collection. **2-3 ft. 75c.**

PINK WEIGELA (Rosea)

Large light pink blossoms, often blooming for 10 weeks and a few in the fall. **18 to 24 inches 75c.**

AZALEA

Extra nice plants. 95c

CHINESE JUNIPER

2-3 ft. $1.95

IRISH JUNIPER

2-3 ft. $1.95

EVA RATHKE WEIGELA

A new free-flowering variety with carmine red flowers. **18 to 24 inches 75c.**

JUN· COMM. HIBERNICA (Irish Juniper)

Slender columnar compact, mottled, silvery-grey; sharp needles. Very desirable for landscape purposes. **18 to 24 inches $2.50.**

COLORADO BLUE SPRUCE

Beautiful for home or yard. **24 inches tall $1.75. each.**

COLORADO GREEN SPRUCE

24 inches tall $1.50 each.

LAURUSTINUS

This is a beautiful winter blooming shrub, pink, white flowers. In real cold districts it should be protected although they will stand considerable cold. Price each **$1.00.** 15-inch size.

GOLDEN PRIVOT

This is a golden colored shrub. Small leaf, upright grower. They will shed their leaves during severe winter, freezing. In a mild climate the leaves will stay on during the winter. **12 to 18 inch. Price 75c each.**

DAPHNE ADORA

This is a conafir variety and will only shed leaves during severe freezing weather. They have one of the earliest sweet scented blossoms that comes out in the spring. In some districts they will often times start blooming in later winter. Price **$1.25 each.**

BERCKMAN GOLDEN ARBORVITAE

This is a beautiful golden evergreen shrub. Will grow reasonably fast. In districts where you have severe winter, this shrub should be protected or wrapped witb hurlap. 12 inch plants. Price **$1.25 each.**

LAWSON CYPRESS (Lawsoniana Port Orford Cedar)

California and Oregon; graceful and conspicuous; branches horizontal, slightly pendulous; foliage dark green. Fine for grouping or single specimen. For timber it is said to be more durable than Coast Redwood. **18 to 24 inches $1.50.**

NORWAY SPRUCE (Picea Excelsa)

Very rapid growing tree which makes it very useful for wind breaks and also very useful as specimen. Very hardy. **18 to 24 inches $2.00.**

ARBORVITAE CONPACTA

This is a very fine green shrub. Stay this way throughout winter and summer. They are quite hardy. 12 to 18 inch. Price **$1.25 each.**

ENGLISH LAUREL (Laurocerasus Officinalis)

A bushy evergreen foliage, very useful in landscaping. Fine for headges or as specimen plant. **18 to 24 inches $1.00.**

Deciduous Flowering Shrubs

For planting and taking care of Rhododendron, Azalea and Camilias, be sure to keep in mind that you use Pete Moss in planting Azaleas and barn yard fertilizer is also very good. We do not advise commercial fertilizers as they won't soul soil. The Rhododendron and Azaleas will thrive much better with barn yard fertilizer. Also we advise if your soil is a trifle sweet to pour buttermilk on the soil around the plants. Do this 4 or 5 times during the early spring and early summer.

STAR OF BETHLEHEM

A wonderful new midseason white with a bit of cream on the lower petals. The blooms are immense and will open from eight to ten at once. I consider this variety one of the finest whites we grow and it is surely deserving of all the honors it has won in Australia, New Zealand, U. S., England and Holland. Price—**each 25c; 10 for $1.85; 100 for $15.00.**

BLEEDING HEART

White tinted light pink with large red blotch. Good propagator. Fine commercial. Excellent shipper. Price—**each 25c; 10 for $1.75; 100 for $14.00.**

RHODODENDRON

We can furnish some beautiful pink pearl. They will run about a foot tall. The pink pearl is one of the nicest rhododendrons growing. They have an exceptionally large beautiful blossom which is pinkish and in later season will turn white. We can furnish these in plants over one foot tall at the extreme low price of **$2.75.**

RHODODENDRON WASHINGTONIAS

This is one of the most beautiful native Rhododendron grown. They will vary in three shades of pink during the blooming time. They are a long lasting blossom. We recommend this for group planting or for single plants. is also very fine. A few of these will beautify your home. We can furnish these in three sized plants. Small sized they will run about 12 inches, **$1.25.** Medium size they will run 18 inches or better, **$1.75.** This is a real bargain on these and the extra-large sizes will run over 2 feet, **$2.25 per plant.**

AZALEA OCCIDENTALIS, NATIVE AZALEA

This native azalea is a beautiful and attractive plant. It has very large blossoms and they will run in shades from white to pink. Good sized plants will run about 8 to 10 inches. We can furnish them at the extreme low price of **85c**

AZALEA HEINDIGRI

The Heindigri have a red and beautiful blossom. This variety will plant exceptionally well with the other two varieties which we have listed here. They are very fine sized plants. They will run 8 inches across and 8 inches tall and we can furnish these at **$1.25 per plant.**

AZALEA MOLLIS

Price each $1.25, 10 to 12 inches. This is a beautiful sized salmon and orange blossom. These are extremely hearty plants and are hard to equal.

CAMILIAS RED

The Camilia is a wonderful growing plant east of the mountains. Camilias should be protected during the winter. The Camilia has a rose looking flower that looks waxy. Our fine large plants running about 2 feet tall are **$2.75 each.**

CAMILIAS PINK

This pink variety is a fine variegated color. They are as good a grower as any of the others. Large size **$2.75.**

CAMILIAS WHITE

This white camilia is a beautiful snow-white blossom. We can furnish these in fine large 24 inch plants at **$2.75 each.**

CAMILIA DOUBLE RED

The Camilia Double Red is a very dark color. We can furnish these in beautiful shaped plants about 24 inches in height at **$2.75 each.**

KINNIKINNICKS SHRUB

This is a plant which gives wonderful ground coverage, grows either in the shade or sun. Pinkish colored flowers which appear early in the spring. It will make a 12 inch growth in a year. Foliage is very green. Large red berries from August to March. Extreme cold weather will not injure plants. These would be very fine to plant along banks, around your home anywhere you would want the ground covered. No home would be complete without some of these around the border, etc. We can furnish these at **35c each, 10 for $2.50, 100 for $17.50.**

Roses

Our rose bushes cannot be equaled. We have exceptionally fine varieties. All varieties which we list here are continuous blooming. They will bloom from early spring until frost in the fall.

Two Years Old — No. 1 Selected Plants
35c each Three for $1.00 $3.75 per dozen

Two Years Old—Medium Grade
30c each $3.25 per dozen

SUNBURST (H. T.) A veritable giant among yellow roses throwing up heavy canes clothed with most ornamental foliage and crowded with glorious buds and flowers. The buds are very long and of most beautiful form, opening into a gorgeous colored flower. The color is a rich cadmium yellow shaded with orange and copper. One of the very finest yellow roses yet raised.

OPHELIA (H. T.) Orange salmon buds, opening to flowers of dainty pink. The foliage is clean, dark and leathery—growth vigorous and free, producing long canes. Blooms early and continuously.

ULRICH BRUNNER Immense big blooms of a bright cherry-red shade with a lovely rich fragrance. Very free flowering and one of the finest for cutting. Ideal for trailing on a pillar.

HOOSIER BEAUTY (H. T.)
A grand new hybrid tea rose of American origin. Flowers dark crimson, shaded with maroon and veined with black; petals of remarkable substance—like so much crimson velvet; buds beautifully formed, with fine, pointed shape, opening into large, double flower.

Two Years Old—No. 2 Plants
25c each $2.75 per dozen

LADY HILLINGDON (T.) Deep apricot yellow, long and pointed bud. Flowers are of good substance and very lasting; foliage luxuriant; a fine forcing or garden rose, excellent for cutting.

KAISERIN AUG. VICTORIA (H.T.)
Elegant large pointed buds; large, full, double flowers; color delicate creamy-white; fragrant.

KILLARNEY BRILLIANT (H. T.)
Color an exquisite shade of deep shell pink lightened with silvery pink. The base of the petals is soft silvery white relieved with enough yellow to make it more attractive. The buds are exceptionally long and beautifully formed.

GRUS AN TEPLITZ or VIRGINIA R. COXE (H. T.)
Color fiery crimson, with a dark velvety sheen; very fragrant; free blooming.

MME. BUTTERFLY (H. T.)
A sport from the popular new rose Orphelia, which may be said to be a glorified form of that fine variety. In this new sort all the colors are intensified, making it a rich harmony of bright pink, apricot and gold. The unopened buds are especially distinct with their lovely shades of Indian red passing to golden yellow at their base.

A View of Apricot Trees. Trees Were Still Growing When Photo Was Taken. You Can't Go Wrong on T.V.N. Apricot Trees.

IMPERIAL POTENTATE (H. T.)
Rich, rosy carmine, fine buds, splendid cut flower, sweetly scented.

MME. CAROLINE TESTOUT (H.T.)
A grand rose of the La France type, but with flowers larger and finer. Color, bright satiny pink; very fragrant and free in bloom. One of the handsomest roses and should be planted extensively.

MME. EDOUARD HERRIOTT (H. T.) The famous winner of the Daily Mail prize. The color being cotta bronze and geranium red, a new combination of colors in a rose.

MISS LOLITA ARMOUR (H.T.)
A magnificent new rose of rich chrome yellow, shaded to coppery orange. Flowers large, of finest form, on stout canes.

LOS ANGELES (H. T.) Flame pink toned with carol and shaded gold at base of petals. Beautifully formed, fragrant, vigorous and very free blooming. Nothing better.

LA FRANCE (H. T.) A silvery rose, changing to pink. A general favorite. Sweetest of all roses.

FRAU KARL DRUSCHKI (H. T.)
The white American Beauty. Makes splendid buds and immense flowers; perfectly double.

CONSTANCE (H. T.) Rich orange yellow, distinctly streaked and splashed with crimson, long pointed buds; free bloomer.

CHEERFUL (H. T.) Large, full flowers of perfect shape and form, with enormous individual petals and grand general character. Color, rich orange yellow flame overspreading the petals to a distinct orange yellow base.

GOLDEN EMBLEM A grand new Irish rose of ideal habit of growth, with holly-like, glossy green foliage, each stem bearing a glorious golden yellow flower of the finest form. The peer of all yellow roses.

PRESIDENT HOOVER New, vivid cerise, red toned with yellow. Beautiful.

RADIANCE RED America's favorite red. Very beautiful.

TALISMAN A new rose, brilliant orange, golden red buds.

INDEPENDENCE DAY Orange copper, always in full bloom

JOANNA HILL Lovely golden yellow, paling to canary.

G. A. VAN ROSSEN Variegated pink, most beautiful of all.

CUBA Blazing orange scarlet, large, semi-double.

ANGELE PERNOT Orange red in bud, copper golden open.

NORMAN LAMBERT Unique copper orange. A great beauty.

E. G. HILL Red, very beautiful.

E. P. THOM Lemon yellow.

DAME EDITH HELEN Large, pink.

CLAUDUS PERNET Color yellow.

TREE ROSES We can furnish beautiful tree roses in most all colors at **$1.85 each.**

Climbing Roses

TAUSENDSCHOEN Entirely distinct, not only in Ramblers, but in climbing roses generally. The individual flowers are of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of the petals when fully expanded. These are produced in trusses, each truss a veritable bouquet.

PAULS SCARLET CLIMBER
By all means the most brilliant rose known in any class because of its clear, vivid, shining scarlet in large semi-double flowers. These flowers never turn blue but retain their intense coloring until petals fall. Cannot be too heartily recommended as essential in any garden.

SUNBURST (Cl. H. T.) A climbing sport of that peer of yellow roses, Sunburst—the much-sought new French rose. A true pillar rose of strong growth, bearing freely; very large cadmium yellow flowers, beautiful either in bud or open flower.

AMERICAN PILLAR (H. M.)
Without question the finest single-flowered climbing rose in cultivation. Color clear, bright, rosy pink.

CLIMBING MME. EDOUARD HERRIOTT Brilliant coral-red buds and flaming flowers of orange-red and salmon. Moderate, climbing growth and a continuous and liberal bloomer.

DOROTHY PERKINS Great clusters of pretty double pink flowers smothering the plant for a long season of the year. Elegant leathery foliage, impervious to mildew and hardy as an oak tree. This sort is now the most generally planted of this class of roses.

Hardy Climbing Vines

Vines are useful in many ways. They give quick results when planted on a new place, before trees and shrubs become established. For covering fences, rocks, walls, banks and trelises, they are peculiarly adaptad. A porch without a vine is desolate and incomplete.

SCARLET TRUMPET HONEYSUCKLE (L. Sempervirens)
One of the handsomest in cultivation; a strong, rapid grower; flowers a bright scarlet, not much odor. Nice plants, **$1.00 each.**

HALL'S JAPAN HONEYSUCKLE (L. Halleana) A strong, vigorous vine with pure white flowers, changing to yellow; foliage remains green well into winter; very fragrant and covered with flowers almost the entire season; one of the best bloomers. Large plants **$1.00 each.**

VEITCHI (Boston or Japan Ivy)
The now famous Japan or Boston Ivy used so extensively to cover brick or stone buildings. The foliage is dense, completely carpeting a surface, and the autumnal tints of green and red are unsurpassed for beauty. Large plants **$1.00 each.**

CHINESE PURPLE WISTERIA (W. Sinensis) One of the best of the Wisterias; rapid growing and elegant, attaining 15 to 20 feet in a season; flowers a pale-blue, borne in long pendulous clusters in May and June. Large plants **$1.50 each.**

QUINQUEFOLIA (Virginia Creeper) Eastern U. S. common American Ivy; luxuriant foliage, assuming gorgeous colors in autumn. Large plants **65c each.**

CLEMATIS JACKMANI This variety is better known than any other, and still stands as one of the best. It is a strong grower, and produces a mass of intense violet-purple flowers four to six inches in diameter; from July to October. **$1.00.**

FIRETHORN Good variety to plant next to your home, very hardy orange colored berries. Beautiful in fall and early winter. Green foliage. Large plants **$1.00 each.**

JAPANESE RED MAPLE WEEPING and UPRIGHT RED MAPLE
The weeping Japanese Maple is one of the most beautiful red leafed trees there is. We can furnish this in the cut leaf weeping or the upright tree. The Upright Japanese Maple, 3 feet in height, **$2.75 each.** The Japanese Weeping Cut Leaf Maple, **$3.50 each.**

Rock Garden Plants

We have 20 fine varieties. Let us make your selection. Very fine and rare varieties. Small compact plants at 25c each, sold only in lots of 4 or more. 20 plants for $4.00. Make your home beautiful. These plants spread but never grow tall.

Hedge Plants

ENGLISH PRIVET (L. Vulgare)

Fifteen feet; leaves small and dark green; flowers are borne in spikes followed by numerous small black shining berries.

English Privet, 2-year-old, No. 1

Per 100, $8.00

Grafting Wax

Our own make grafting wax. Our formula is best for grafting.

75c per lb.

5 lbs. at 50c per lb.

Partly Grown Apple Trees. Picture Taken in Summer When They Were Still Growing. Plant T.V.N. Trees, They Are Best

Bulbs

BULB GROWERS NOTICE

Don't compare these high quality bulbs with cheap stock. Better varieties and better bulbs can't be bought for less than from the Tualatin Vallye Nurseries, Sherwood, Oregon.

All $5.00 orders are postpaid any place in the United States. Order them as a gift to a friend. They are a living remmebrance.

Now rush your order for a better selection.

Gladiola bulbs should be planted in early spring. Do not plant over 3 or 4 inches deep. Plant them a foot or so apart in beds or rows, the farther distant, the better and large blossoms you will have. Some plant rows 3 feet apart, 1 foot in rows. Beautify your home with Tualatin Valley Bulbs.

ALBATROSS Unquestionably the clearest white gladiolus ever introduced. Grows 5 ft. tall, has good substance and opens 5 or 6 large blooms at a time. Price, **each 15c; 10 for 70c; 100 for $3.50.**

AVE MARIA Large flowering. Light blue with small purple blotches. Seven or eight blooms open at one time. Excellent facing and remarkably good spike. Price, **each 10c; 10 for 55c; 100 for $2.80.**

BAGDAD Smoky old rose, somewhat darker toward the edge and lighter in throat. 6-7 large blooms open. Price—**each 10c; 10 for 55c; 100 for $2.60.**

BETTY NUTHALL A glowing orange pink, with a light yellow throat, and a light feathering of carmine. The florets are often six inches across and are of splendid substance and placement. Eight or more open at one time. A very rapid increaser. Produces bulblets that grow. One of the tallest and most vigorous growers. Often attains the height of 5½ feet. Stands excessive heat as do few other varieties. Price—**each 10c; 10 for 50c; 100 for $2.40.**

BLUE TRIUMPHATOR An immense spike of 5 or 6 well opened florets, of soft China blue with silver gloss. Lower petals overlaid with markings of bluish purple. Price—**each 10c; 10 for 55c; 100 for $2.80.**

BREAK O' DAY Light pink. **Each 10c; 10 for 85c; 100 for $2.25.**

CARMEN SYLVIA Very fine commercial white. A wonderful clear color. Withstands hot weather exceptionally well. Price—**each 10c; 10 for 50c; 100 for $2.40.**

CHARLES DICKENS Purple violet. Five feet tall. Extra strong propagator. Long gracious spike. Ten to twelve wide open florets at one time. Price—**each 10c; 10 for 55c; 100 for $2.80.**

COMMANDER KOEHL This tremendously popular variety is a deep red that opens many florets on a tall strong spike. A great prize winner. Best commercial pure red. Price—**each 15c; 10 for 70c; 100 for $3.50.**

CORYPHEE Soft pink white throat. **Each 10c; 10 for 65c; 100 for $2.80.**

DEBONAIR La France pink, usually somewhat flecked; a tall straight grower and makes long flower heads of medium size blooms. A good cut flower variety. **Each 10c; 10 for 65c; 100 for $2.85.**

DR. BENNETT The popular well known fiery red. One of the most brilliant scarlets grown. Price—**each 10c; 10 for 55c; 100 for $2.80.**

GIANT NYMPH Pink, with creamy throat.

GLORIOLA Very tall, peach red with yellow throat. Florists' favorite. Price **each 10c; 10 for 60c; 100 for $3.00.**

GOLD EAGLE Tall yellow.

GOLDEN DREAM One of the best deep yellows. Very tall growing spike, with six or seven blooms open. Price—**each 5c; 10 for 50c; 100 for $2.50.**

GATE OF HEAVEN Very rich pure yellow, beautifully ruffled and of good substance. Rapid propagator. Price—**each 20c; 10 for $1.00; 100 for $5.00.**

HEAVENLY BLUE A beautiful blue cedar. **Each 10c; 10 for 55c; 100 for $2.95.**

HINEMOA Striking novelty. **Each 15c; 10 for 75c; 100 for $3.75.**

IRENE One of Mair's best and a most popular variety. It has been a consistent winner in this country as well as in Australia and New Zealand. The color is salmon rose with some old rose flecks going to steel gray at the edges. An outstandingly good glad; a very long spike and a good grower. Price — **each 20c; 10 for $1.00; 100 for $5.00.**

LA PALOMA Heavy textured, deep rich orange. Stands sun and rain better than most oranges. Tall, strong, healthy grower. Price—**each 10c; 10 for 55c; 100 for $2.80.**

LOS ANGELES Pink, good cut flowers. **Each 10c; 10 for 55c; 100 for $2.85.**

MAID OF ORLEANS Color creamy-white with a distinctive light cream shade in throat. The best white commercial. Price—**each 15c; 10 for 75c; 100 for $3.60.**

MILDRED LOUISE Soft glowing orange pink. Individual florets are well open and perfectly placed on a straight spike. Price—**each 15c; 10 for 70c; 100 for $3.50.**

MINUET Wonderful clear lavender. A lavender by which all others are judged. Six or seven wide open florets at a time. Arranged perfectly on straight spike. A consistent winner. Price—**each 15c; 10 for 70c; 100 for $3.40.**

MOTHER MACHREE A beautiful golden smoky that is rather difficult to describe. It makes enormous spikes especially fine for exhibition and has won many championships. Price—**each 10c; 10 for 65c; 100 for $2.90.**

MRS. DOUGLAS Begonia Rose. **Each 10c; 10 for 55c; 100 for $2.75**

MRS. KONYNENBURG Fall blue lavender. **Each 10c; 10 for 55c; 100 for $2.80.**

MRS. PENDELTON Bright rose pink, large blotch of carmine red on lower petals. Price—**each 5c; 10 for 50c; 100 for $2.40.**

MR. PHIPPS Beautiful La France pink. Twenty-two blooms to spike, nearly all opening at a time. Should be in every collection. Price—**each 10c; 10 for 55c; 100 for $2.60.**

MRS. SISSON Lovely cameo pink. **Each 5c; 10 for 50c; 100 for $2.55.**

MISS GREELEY A pink gladiolus, very similar to W. H. Phipps in habits. Blooms in 68 to 70 days, therefore more desirable for the cut flower grower. Price—**each 15c; 10 for 65c; 100 for $3.20.**

PELEGRINA A large dark blue with seven or eight blooms open and about all buds showing color. A very popular variety. Price—**each 15c; 10 for 60c; 100 for $3.00.**

PFITZER'S TRIUMPH This is unquestionably one of the largest and finest gladiolus ever introduced and will be a leader for many years. Blooms have a diameter of 6 inches or more and are of a bright salmon orange with velvet red blotch. A sensation wherever exhibited. Price—**each 15c; 10 for 60c; 100 for $3.00.**

PICARDY Beautiful soft shrimp pink. **Each 10c; 10 for 60c; 100 for $2.85.**

PURPLE GLORY A huge ruffled flower of deep purple red. The best in its class. Price—**each 15c; 10 for 75c; 100 for $3.60.**

RED PHIPPS Brilliant light scarlet. Has the shape and habits as W. H. Phipps, but more uniform in size. Price—**each 10c; 10 for 65c; 100 for $3.20.**

SALBACH'S ORCHID Large wide open bloom of clear orchid pink. Good substance. Fine placement 7 or 8 open at once. Form of blooms and markings similar to Minuet. Rapid propagator. Price—**each 15c; 10 for 70c; 100 for $3.40.**

TROUBADOUR Best clear purple attractive color. **Each 10c; 10 for 65c; 100 for $2.85.**

VEILCHONBLAU Violet blue with dark pansy - like blotches. Good straight spike and well placed floret. Here is a glad that stands the heat, whiie most others droop. Price—**each 15c; 10 for 65c; 100 for $3.20.**

VIRGINIA Beautiful deep red color. **Each 10c; 10 for 55c; 100 for $2.65**

WASAGA A clear capucine buff without throat markings or flecking. Straight spike of medium height. Five wide open, waved and well ruffled blooms open at one time. With the exception of Solveig this is the only variety to receive a first class certificate in the seedling class of the American Gladiolus Society since 1916. Price—**each 15c; 10 for 65c; 100 for $3.20.**

WURTEMBURGIA This popular glad, that is red with a white throat, is extra large. The spikes are tall and it is a strong grower. Really a wonderful glad and it should be in every garden today. Price—**each 15c; 10 for 70c; 100 for $3.40.**

YELLOW PERFECTION Large flowered deep yellow. Vigorous grower. Larger flowers but somewhat lighter than Golden Dream. Price—**each 15c; 10 for 70c; 100 for $3.40.**

MR. WM. CUTHBERTSON
Intensely ruffled cherry pink with large white center. Up to 8 open on a perfect spike. These are rare varieties. Price—**each 15c; 10 for 70c; 100 for $3.40.**

SONATINE A tall light pink, sometimes flecked, that seems to have as good a commercial future as any of Pfitzer's recent ones. The flowers are large and of good substance and it propagates easily. Price—**each 35c; 10 for $3.25; 100 for $28.50.**

J. S. BACH Orange salmon with a lighter throat and white lines in petals. Twelve open flowers of good size that are well placed making a fine exhibition variety and may have a commercial future as it is very early. Fine color. Price—**each 25c; 10 for $1.75; 100 for $15.00.**

D. A. HAY This very popular variety has won many championships in New Zealand. Color is pink with a creamy white throat opens ten on a tall straight spike. Price—**each 25c; 10 for $1.00; 100 for $15.00.**

MAX REGER A light lavender blue with darker throat markings that are tipped with white points which add to the attractiveness. It opens about eight large flowers on an eighteen bud spike; a strong grower and is really a leader in its color. Very outstanding this year. Price—**each 25c; 10 for $1.85; 100 for $15.00.**

MOORISH KING The first large, very dark red and still a good one; usually sold out long before the season is over. Only a fair increaser. Price—**each 25c; 10 for $1.90; 100 for $6.00.**

ROSE MARIA PFITZER One of the very best of recent years; a cream ground color with pink edges. This variety varies a good deal in color, as does Queen Mary, sometimes a pure cream and again decidedly pink but always that great long exhibition spike and the blooms large and beautifully placed. Price—**each 25c; 10 for $1.85; 100 for $15.00.**

12 Varieties Select of Our Own -- Order These for Good Results

10 bulbs for 35c, 100 for $1.50, 1000 bulbs for $12.50

Tualatin Valley Nurseries Trees Grow Where Others Fail. Tualatin Valley Trees Have Been Shipped and Planted All Over the United States With Great Success. Why Not Give Them a Fair Trial? We Will Assure You of Results.

Special On Variety Fruit Trees

$2.75 per tree, 3 yr. old. 3 trees of any of these above listed for $7.50

Something new in Fruit trees; 4 varieties on one tree. These are beautiful trees. Bing, Lambert, Royal Ann and a pollinizer, Black Republican or Black Tartarian on same tree.

$2.75 per tree, 3 yr. old

Apple trees; 5 varieties. Yellow Delicious or Red Delicious, Y. Newtown, Gravenstein, Y. Transparent, Winesap, all on same tree.

$2.75 per tree, 3 yr. old

Pear trees; 4 varieties. Bartlett, Bosc, De Anjou, W. Nellis, on same tree.

Another View of Those Famous Tualatin Valley Nursery Trees Plant Them For Results and Profits

View of Thrifty Pear Trees, Thousands of Them. It Costs More to Grow Better Trees. We Are Selling at Rock Bottom Prices for Our Fine Quality. Good Trees Can Never Be Bought Cheap.

REFERENCES

We give the First Bank of Tigard, Tigard, Oregon, or the Citizens Bank of Sherwood, Ore., as our reference. Write for other references. Tualatin Valley Nurseries — headquarters for the Finest Trees grown.

Rand, Wash.

Tualatin Valley Nurseries,
Sherwood, Ore.
Dear Sir:

The 14 peach trees and 1 grape vine I got of you March, 1937, I set them out about the first of April and they are all alive and some of the trees made a growth of 30 inches of new wood this summer.

H. H. BOYER,
Twisp, Wash.

Tualatin Valley Nurseries,
Sherwood, Ore.
Gentlemen:

My trees arrived in fine condition. Must say they were the finest lot of trees ever received from any nursery.

J. O. MURRAY.

Testimonials

Riddle Ore.

Gentlemen:

Received the 125 filbert trees and planted same. Was much pleased with them as they certainly were an exceptionally fine lot and in perfect condition. G. S.

Dear Sir:

I acknowledge receipt of your letter of the 17th inst., and also of the trees ordered by me. I also acknowledge receipt of an extra cherry tree, your complimentary addition to my order, for which I thank you.

If these trees are representative examples of your nurseries, then indeed you must have the choice of the country. I have bought nursery stock in various places but none compare with the order you filled for me. Arroyo Grande, Calif.

Dear Sir:

The trees you shipped me came this morning, and I wish to thank you for your information and the trees you selected for me. I am more than pleased with them. I have planted a great many fruit trees, but will say I never have seen a nicer lot or better rooted trees.

Thanks for the peach trees you so kindly added to the list. I have them planted, and hope to do more business with you in the future.

Silverdale, Wash.

Dear Sir:

Received trees 21st inst., and will say they are as fine as could be had. Am certainly pleased with them. Wish I had located your nursery years ago, as I know you would have given me better trees and at less money, too. Juliaetta, Idaho.

1000 Trees, Every One True to Name, a Real Record

East Lake Shore,
Bigfork, Mont.,
Dec. 23, 1934.

Tualatin Valley Nurseries,
Sherwood, Ore.

Gentlemen:

Have seen a lot of trees planted on the East Lake Shore, but none to equal the trees I received from you last season. E. J. STONE.

Tualatin Valley Nurseries, Newberg, Oregon,
Sherwood, Ore. November 4, 1938.

Dear Mr. Elwert:

I bought enough trees from you 7 years ago to put out 15 acres, more than 1000 trees of peach, apricots, cherries and walnuts. All trees are now bearing and every one has proven true to name, and they have made an exceptional fine large growth. I can recommend your trees to any one.

Yours very truly,
N. SCHATZ.
Denmark, Oregon.

Gentlemen:

The first trees I ordered fom you arrived in good shape and I am well pleased. They are the best trees I have ever received. I have started several orchards. I feel I have found a good place to buy.

Yours truly,
Vancouver, Washington.

Gentlemen:

Would like to receive one of your new catalogs. The trees I got from you last year are doing fine.

Sincerely yours,
M. R.
Elgin, Oregon.

Gentlemen:

I received the plants you sent me. They came through in fine shape. They are nice healthy looking plants. I would advise anyone to sendto you for all their needs.

Very truly yours,
J. G.

Successful Planting, Pruning, Care

In presenting these instructions to our patrons, we would earnestly request that they give the most careful attention to the details. They have been compiled with a view of making them as simple as possible. Having fulfilled our part of the contract by delivering first-class stock in good condition, with full instructions how to care for it, the fault is not ours if any of our customers should lose a portion of their stock. Experience has taught us that purchasers frequently lose Nurery stock through neglect; and we have taken the precaution to send a copy of our Transplanting Directions to every customer, so that none may claim that they do not know how to plant and care for their stock.

We guarantee to deliver the stock in **good condition**, and could we plant and care for it for the first three months, would willingly insure the growth of every tree and shrub sent out. We seldom lose a plant, even during the summer for fall delivery, and the stock is out of the ground for many weeks. **Anything that is cultivated in the earth cannot live without nourishment and care.**

CARE OF STOCK

The bundles should be opened immediately, the roots dipped in water, then heeled in moist ground, so that the mellow earth will come in contact with the roots and thoroughly protect them from the air, having the earth tramped solid about them.

When ready to plant take up only a few at a time, puddle the roots, and do not allow them to lie exposed to the sun or air.

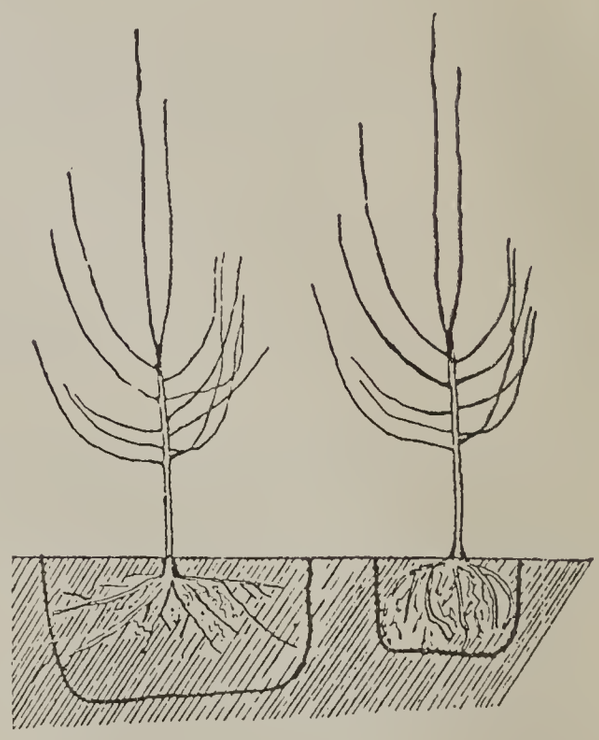
The ground should be carefully prepared by deep plowing and firming down with a disc and harrow.

PLANTING

The holes for planting must be large enough to receive the roots freely, without cramping or bending them from their natural position. All broken or mutilated portions of the roots must be cut off so as to leave the ends smooth and sound. All trees should be planted two or three inches deeper than they stood in the nursery row; **pack the soil very firmly about the roots by tramping with the feet or post tamper, being** careful not to bark or break the roots. Leave three inches of the surface soil loose to serve as a mulch. If the ground is very dry apply one to two pails of water before this soil mulch is in place, and after the water has soaked away it can then be placed over the moist soil. **Never put manure so as to come in contact with the roots of any plant or tree.**

PRUNING

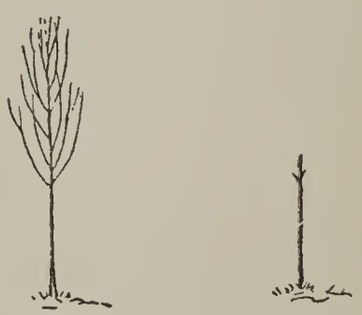
Apple and Pear—Select from three to five of the branches to form the permanent head of the tree. These branches should be well distributed around the trunk, and at a safe distance apart up and down the trunk. If two branches come out, one exactly opposite the other, forming a crotch, a split may occur at this weak point in later life when the tree is full of fruit. Shorten these selected branches to about five buds, cutting the branches just above a bud that points outward. Remove all the other branches close



Almost Sure to Live Almost Sure to Die

to the trunk, leaving no stub longer than one-eighth to one-quarter inch. Also shorten back two-thirds the central leader of the tree, if one exists, else the tree assumes a too upright growth for best results in later life.

Peach—These should be **planted immediately on delivery**; or, if not prepared to do so, the roots should be buried in the ground. They will not stand exposure to the sun and air, and many are lost simply for the want of care. As soon as planted, **cut back all side branches to within two or three inches of the main stem.** Make this the **invariable practice**, and never deviate from it if you wish to save your trees. The growth will be much more rapid and vigorous in consequence of this pruning, and by strictly adhering to it, and by immediate planting or covering the roots in the soil, very few, if any, trees will be lost. Peaches like all other stock we deliver, will be in fine condition, having been carefully handled



Newly Set Peach Ready to Be Pruned **Same Peach Pruned**

Prune 1-year apple, pear, cherry, prune, apricot, plums same way as this peach. Most 1-year trees do not have branches—wherever you cut a 1-year tree it will form limbs and make branches.

and kept from exposure by us. If you do not follow our directions and meet with loss, the fault will be entirely with you.

Grapes—These should be planted ten to twelve inches deep in holes large enough to admit roots without curling them, pressing soil solid about roots. Cut vines back to within three or four buds of the roots. Keep the ground clean by cultivating; if impossible to cultivate, mulch. Prune in February or early March, before there are any signs of new growth—hence the importance of annual and intelligent pruning.

Apples, Pears, Prunes, Plums, Apricots, etc.—Follow same pruning instructions as peaches.

FALL PLANTING

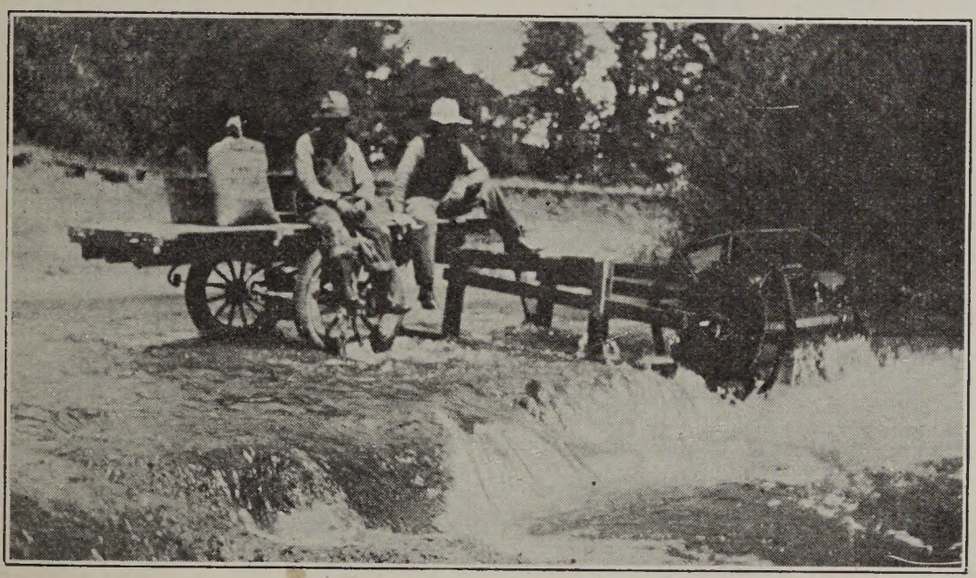
When set in autumn, a mound of earth, a foot or more in height, must be raised about the trees. This is very essential, as it keeps them from being swayed by the winds or thrown out by the frost during the winter. It should be removed in the spring.

In sections where the winters are extremely severe, trees procured in the fall can be best cared for by covering the roots with earth during the winter and planting them in the spring.

To insure success, select a spot where no water will stand during the winter, having no grass near to invite mice. Dig a trench deep enough to admit one layer of roots, and sloping enough to permit the tree to lie at an angle of not more than 30 degrees with the ground. Having placed one end of the roots in this trench, cover them with mellow earth extending well up on the tree and **see that this is firmly packed.** Then add another layers of trees, overlapping the first continuing as at first until they are all heeled in. As soon as this is done, cover the tops so with evergreen boughs that they will be thoroughly protected from winds.

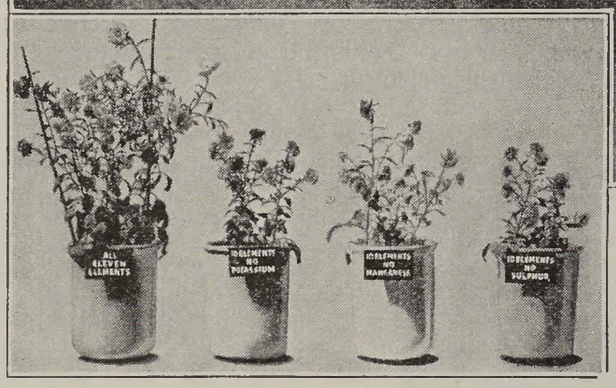
SPRAYING

There are four distinct types of troubles to combat, i. e.: Chewing insects, sucking insects, scale insects and fungous diseases. Chewing insects are controlled with a stomach poison, some form of arsenic (lead arsenate), sucking insects (lice or aphids) by body contact poison (nicotine), or miscible oil (kerosene, emulsion), and fungous diseases by lime-sulphur solution or Bordeaux mixture. Be sure you know what you are spraying for, since arsenate of lead will not control lice or aphids, nor will nicotine or kerosene emulsion control apple worms, and neither of these will have any effect on apple scab or other fungous diseases. Lime-sulphur is used as a dormant spray for scale, insects and also for fungous. In spraying the apple, keep in mind the two main apple troubles, the codling moth and apple scab, and, in controlling these, most other troubles are immediately controlled. Lead arsenate and lime-sulphur or Bordeaux mixture are the sprays to use. For further information write your State Department.



These men are cleaning cherry seed for our large planting. The seeds are first washed and cleaned. It is three years before these seeds are trees, and grafted and are for sale.

Bing, Lambert and Royal Ann Cherry Trees. Tualatin Valley Nursery Trees are really specimens and they give results. If you are planting one tree or a thousand, insist on Tualatin Valley Nursery trees—the Home of Superior Varieties.



This photograph was made of a test on asters. One plant was fed 11 elements; all others were fed 10 elements. One element was withheld as indicated. Here is proof that it's wise to use a plant food that supplies all eleven elements.

Tests show way to Gardening Success

How different the home pictured above would be without the beautiful lawns, flowers, shrubs, and trees. It's growing things that make it a beautiful home.

A recent series of tests conducted by a large midwestern university demonstrate the importance of proper plant feeding in achieving gardening success. As the picture shows, even the lack of so-called "minor" elements, manganese and sulphur, as well as lack of potash, greatly retards plant growth.

Beautify your home with shrubs, trees, lawns, and flowers. Make sure they are supplied with the food elements needed for fine, sturdy growth. Feed them Vigoro, the Complete Plant Food that contains *all eleven* of the plant food elements scientists have proved plants require from the soil.

Vigoro is economical . . . you need very little. It's clean, odorless, and sanitary . . . especially prepared for home use.

VIGORO

Complete plant food

100-lb. bag	$3.50
50-lb. bag	2.25
25-lb. bag	1.50
10-lb. pkg.	.85

F.O.B. Nursery

Made by Swift especially for Lawns, Flowers, Shrubs, Trees, and Vegetables

SPRAY CALENDAR—WHEN TO SPRAY, WHAT TO USE

Insect or Disease	Plant Attacked	What to Spray With	First Spraying
Codling Moth	Apple, Pear	Lead Arsenate or Calcium Arsenate	Just before Calyx closes; Repeat 15 days and 30 days later; keep developing fruit covered.
San Jose Scale	Apple, Pear	Lime Sulphur Solution	Dormant, as buds are swelling.
Oyster Shell Bark Louse	Apples	"Dormo," oil emulsion	Dormant, before buds swell.
Peach Moth or Twig Borer	Peaches	Lime Sulphur Solution	When blossoms show pink.
Wooly Aphis	Apples	"Sumero," oil emulsion, "Aphido" or Nicotinum	When insects first appear.
Aphis	Apples and plants	"Tri-Ogen," "Aphido" or Nicotinum	When insects first appear.
Cabbage Worm	Cabbage	"Gardusto" or Calcium Arsenate	Before worms eat into cabbage.
Cabbage Aphis	Cabbage	"Gardusto" or Nicotine Dust	When insects first appear.
Slug	Cherry, Pears, Roses	"Tri-Ogen" or "Gardusto"	When insects first appear.
Thrips	Gladioli, Roses	Roteno Spray or Red Spider Dust	When insects first appear.
Cotton Scale	Pear, Currant	Light "Sumero", "Aphido"	When insects become cottony (May).
Scab	Apple, Pear	Lime Sulphur Solution or Bordeaux	When blossoms show pink; Calyx; 15 and 30 days later.
Blackspot	Roses	"Tri-Ogen"	
Leaf Curl	Peach	"Bordo," winter strength	Early spring, dormant.
Peach Blight	Peach	"Bordo" or Wettable Sulphur	Immediately after harvest.
Mildew	Roses	"Tri-Ogen"	
Mildew	Gooseberry	Potassium Sulphide, 1 oz. to 2 gal. water	Just as buds start.

Peach trees should be sprayed with 4-4-50 Bordeaux after harvest, again in December—use 5-5-50 Bordo. Always use a good spreader. Apply a lime and sulphur spray in early spring, the last of February or first of March. This will give perfect curl leaf and blight control.

DISTANCE RECOMMENDED FOR PLANTING

Apples (Standard)	25 to 40 ft. each way	Currants	5 ft. x 3 ft.
Pears (Standard)	20 to 35 ft. each way	Gooseberries	5 ft. x 3 ft.
Quince	15 ft. each way	Strawberries (hills)	36 in. x 18 in.
Peaches	18 to 24 ft. each way	Strawberries (matted rows)	48 in. x 12 in.
Plums	15 to 20 ft. each way	Grapes	8 x 8 to 10 x 12 ft.
Cherries	25 to 40 ft. each way	Asparagus	4 x 1 ft.
Blackberries	6 ft. x 4 ft.	Rhubarb	4 x 2 ft.
Raspberries	6 ft. x 3 ft.		

NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES

In Planting Trees the Greater Distance Should Be Given in the Richer Soils

Distance Apart	Square Method	Triangular	Distance Apart	Square Method	Triangular
1 foot apart each way	43,560	50,300	15 feet apart each way	193	222
2 feet apart each way	10,890	12,575	16 feet apart each way	170	196
4 feet apart each way	2,722	3,143	20 feet apart each way	108	125
6 feet apart each way	1,210	1,397	25 feet apart each way	70	81
9 feet apart each way	537	620	30 feet apart each way	48	55
10 feet apart each way	435	502	40 feet apart each way	27	31

RULE SQUARE METHOD—Multiply the distance in feet between the rows by the distance the plants are apart in the rows; this gives the number of square feet for each plant or hill, divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

RULE TRIANGULAR METHOD—Divide the number required to the acre square method by the decimal .866. The result will be number of plants required to the acre by triangular planting.

ALL TREES, PLANTS AND VINES LISTED IN THIS CATALOGUE ARE GROWN IN THE FERTILE TUALATIN AND WILLAMETTE VALLEYS

There Are None Better

Tualatin Valley Nurseries Give You Most for Your Money

The Nursery of Reliable, True to Name

TREES

THE REASON

Over 200 acres of bearing orchards (all varieties) from which we make selections. This insures the new planters better, record bearing strains.

OUR MANY YEARS FRUIT GROWING INSURE YOU 100% SATISFACTION